



FOSHAN CITY FANGTIAN TECHNOLOGY

Dedicated to providing comprehensive solutions for LED lighting fixtures



Foshan Fangtian Technology Co., Ltd

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Company Overview

Foshan Fangtian Technology Co., Ltd. (Optilux) originated from a professional LED company established in 2009 and has a long-standing reputation in the lighting industry. In 2024, we launched the Optilux brand to provide comprehensive lighting procurement solutions for government projects, publicly listed companies, engineering service providers, and design firms.

With over 15 years of industry experience, we have built a strong manufacturing foundation and a network of high-quality long-term suppliers, enabling us to rapidly respond to and fulfill complex lighting engineering demands. Our expertise spans across indoor and outdoor lighting, combining advanced LED technology with innovative design to deliver high-performance, energy-efficient lighting solutions.

Technical Excellence & Quality Assurance

At Optilux, we adhere to strict international quality standards, holding ISO9001 certification along with CE, RoHS, and CCC approvals. Our 3,000+ square meter production facility and well-established supply chain ensure efficient production, rigorous quality control, and fast project delivery.

Driven by continuous R&D and innovation, our lighting solutions have been widely implemented in major cities across China and exported to Europe, North America, and Southeast Asia.

Our Commitment

Established Expertise: Built on 15+ years of industry experience since 2009.

One-Stop Lighting Procurement: Seamlessly managing the entire process from product selection to final delivery.

Customizable Solutions: Providing tailored lighting solutions based on project needs.

Certified Quality & Reliability: Ensuring international compliance and rigorous quality control.

Fast Response & Delivery: Efficient supply chain management for timely project execution.

At Optilux, we are committed to delivering professional, high-quality, and efficient lighting solutions, empowering our clients to achieve their project goals with confidence.

Development history



2009

- The predecessor of the company was Foshan Fangtian Electronics Co., Ltd., which was established in 2001. Fangtian Electronics's main products were household appliances, and after being renamed Foshan Fangtian Technology Co., Ltd., its main products were LED lighting products



2010-2011

- The company's research and development of "LED rear edge dimmer" and "LED intelligent dimmer" have respectively received technical innovation funding support from the government
- The company was awarded the title of "exemplary organization in Science and Technology Work of the Year" by the government



2012-2013

- The dual axis solar tracker developed in collaboration with Suzhou Hexin Electric Appliance Co., Ltd. has successfully operated in the United States
- Invest funds and personnel in the development of intelligent lighting products



2014-2015

- Provide lighting design and lighting supply and installation services for the local key project Yingyue Lake Park
- The company's intelligent lighting products have been launched and sold



2016

- The intelligent monitoring system for urban street lights developed for the Guicheng Municipal Management Office has been successfully launched
- The company has obtained two invention patents for its power line carrier backside dimming and color adjustment technology



2018

- Provide lighting design and supply of lighting fixtures for the largest lake park in the local area - Qiandeng Lake Park
- The company has passed the high-tech enterprise certification



2019

Provide lighting design and supply services for Yihai Lake Park



2020-2023

Establishing a cross-border e-commerce department to expand overseas markets

Environment



Staff style

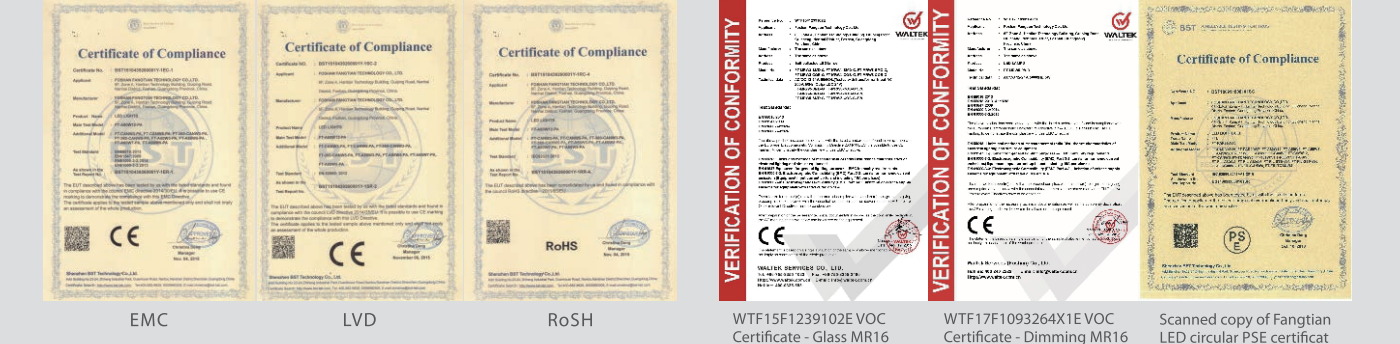
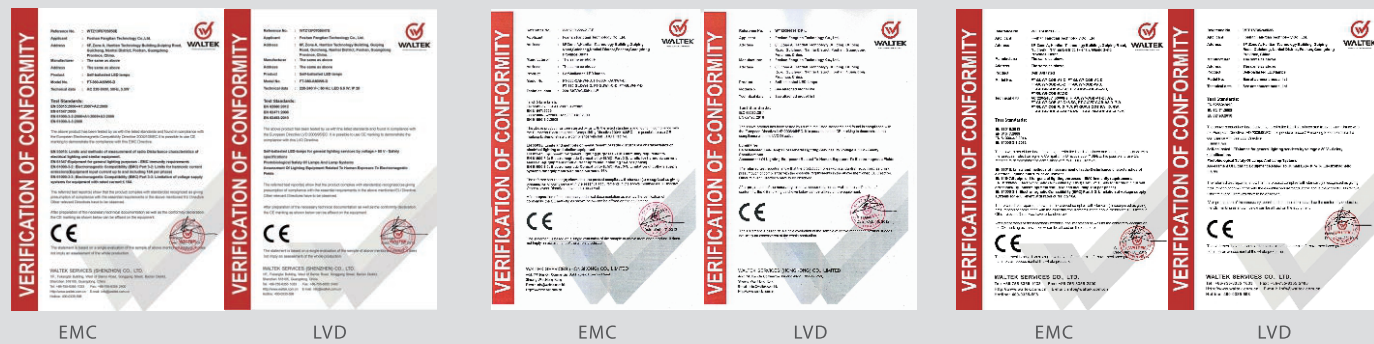
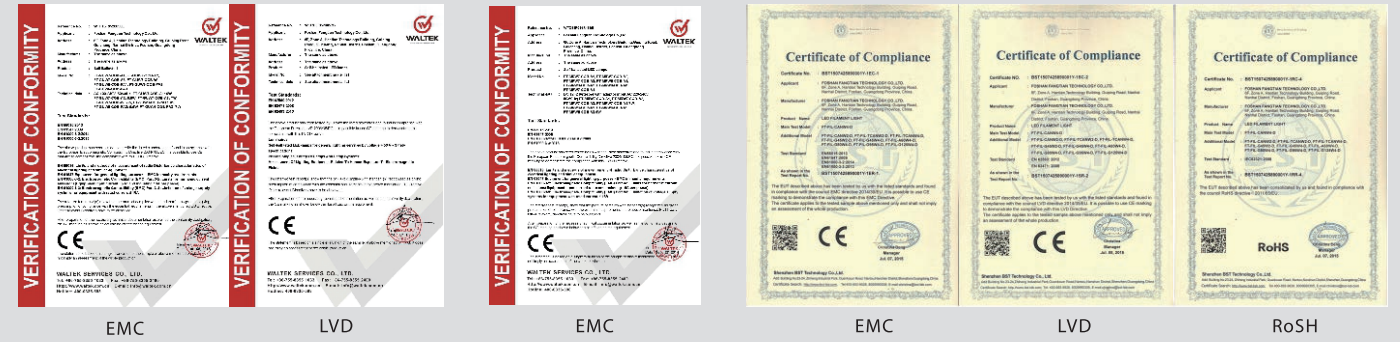
Exhibition



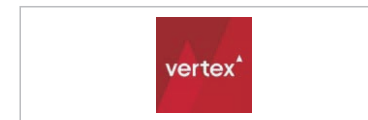
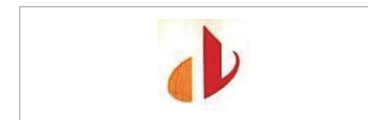
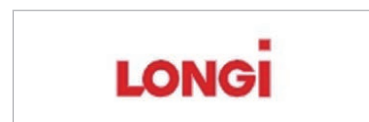
Company Honors and Patent Certificates



Product Certification



Our customers



www.optiluxled.com

DIRECTORY

INDOOR

Linear Lights/P16-19



Ceiling Lights/P20-22



Panel Lights/P23-24



Light Strip/P25-28



Recessed Downlights/P29-32



Recessed Spotlights/P33-36



Vapor Proof Light Fixtures/P37-38



Magnetic track lights/P39-42



Wall Lights/P43-46



Bulbs/P88-91



OUTDOOR

Flood Lights/P48-51



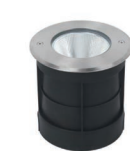
Wall Lights/P52-55



Strip Light/P56-59



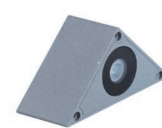
In-ground Lights/P60-63



Spotlights/P64-67



Setp Lights/P68-70



Underwater Lights/P71



Handrail lights/P72



Linear Lights/P73-76



Spike light/P77-80



Bollard Lights/P81-83



Street Lights/P84-86



Datasheet

LED Profile Light

Product Code
ARCIPL6A10W24V

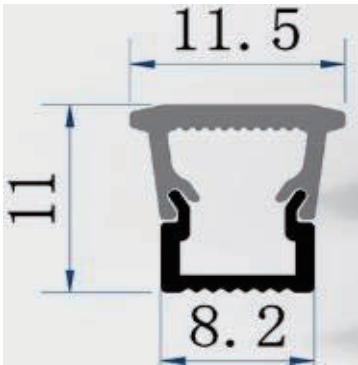


IP rating	20
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	1000 lm
Delivered efficiency	100 lm/W
Input power	10W/M
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	constant voltage driver
Material	aluminium+PC
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	diffuse
Mounting	recessed/surface mount
Reflector color	-
Finishing	black/silvery

Indoor lighting

As a leading Wholesale Indoor LED Lighting supplier, The Indoor Lighting section is dedicated to offering a diverse and professional range of Lighting Solutions tailored to various indoor applications, from residential to commercial and industrial spaces. Our product lineup includes chandeliers, ceiling lights, downlights, spotlights, panel lights, magnetic track lights, strip lights, and more, combining functionality with aesthetics.

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

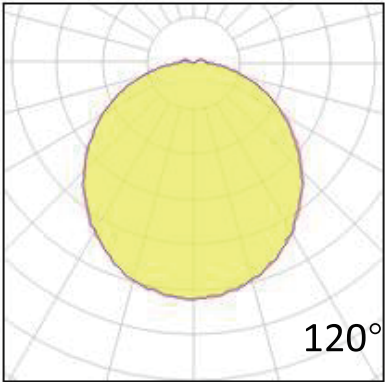
Light control

ON/off,optional DALI dimming

Construction

Aluminum shell, anodized, rust and corrosion resistant, fast heat dissipation, PC lampshade, stainless steel buckle, can be cut according to requirements

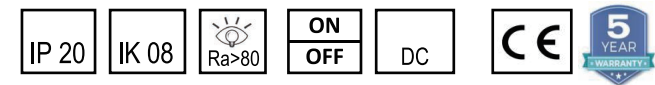
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

Optilux reserves the right to make changes to this product at any time without notice and such change will be effective immediately.
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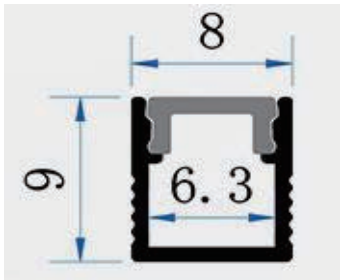
LED Profile Light

Product Code
ARCIPL2A10W24V



IP rating	20
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	1000 lm
Delivered efficiency	100 lm/W
Input power	10W/M
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	constant voltage driver
Material	aluminium+PC
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	diffuse
Mounting	recessed/surface mount
Reflector color	-
Finishing	black/silvery

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

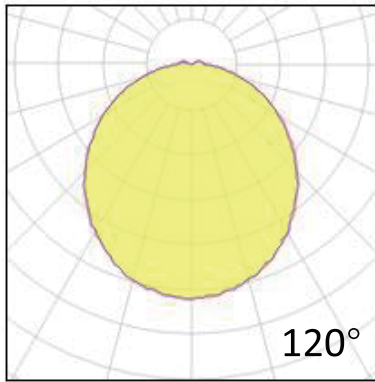
Light control

ON/off,optional DALI dimming

Construction

Aluminum shell, anodized, rust and corrosion resistant, fast heat dissipation, PC lampshade, stainless steel buckle, can be cut according to requirements

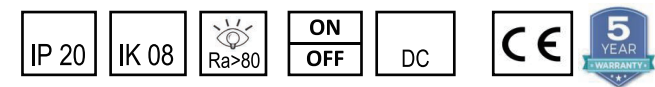
Photometrics



Warranty

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- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



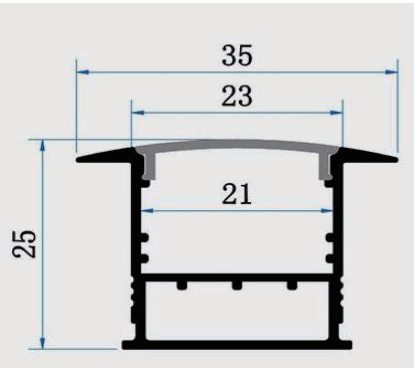
LED Profile Light

Product Code
ARCIPL3BA16W24V



IP rating	20
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1920 lm
Source efficiency	120 lm/W
Delivered flux	1600 lm
Delivered efficiency	100 lm/W
Input power	16W/M
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	constant voltage driver
Material	aluminium+PC
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	diffuse
Mounting	recessed/surface mount
Reflector color	-
Finishing	black/silvery

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

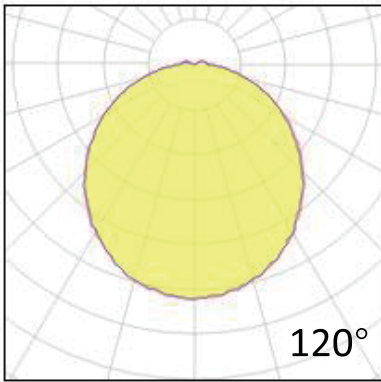
Light control

ON/off,optional DALI dimming

Construction

Aluminum shell, anodized, rust and corrosion resistant, fast heat dissipation, PC lampshade, stainless steel buckle, can be cut according to requirements

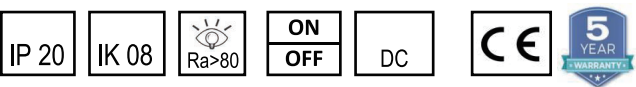
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



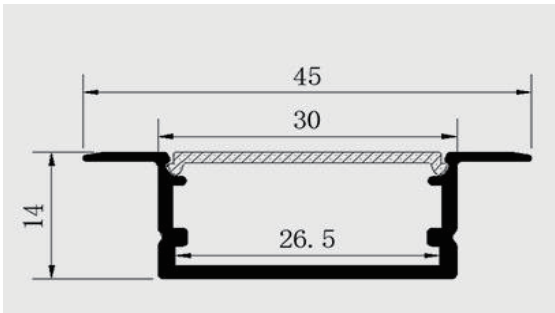
LED Profile Light

Product Code
ARCIPL4BA24W24V



IP rating	20
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2880 lm
Source efficiency	120 lm/W
Delivered flux	2400 lm
Delivered efficiency	100 lm/W
Input power	24W/M
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	constant voltage driver
Material	aluminium+PC
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	diffuse
Mounting	recessed/surface mount
Reflector color	-
Finishing	black/silvery

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

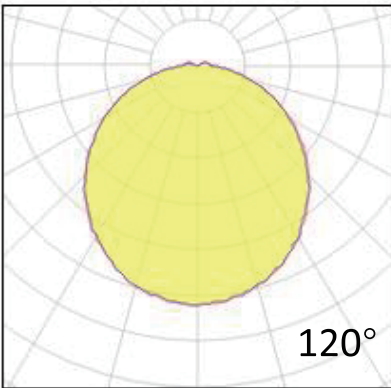
Light control

ON/off,optional DALI dimming

Construction

Aluminum shell, anodized, rust and corrosion resistant, fast heat dissipation, PC lampshade, stainless steel buckle, can be cut according to requirements

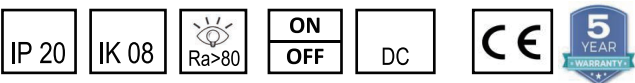
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



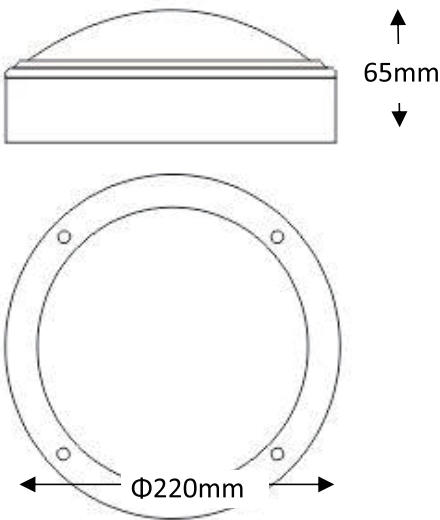
Surface Mounted Ceiling Light

Product Code
ARCISMCL1AR20W220V
ARCISMCL1AR20W220VD



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2400 lm
Source efficiency	120 lm/W
Delivered flux	2000 lm
Delivered efficiency	100 lm/W
Input power	20W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminium+PC
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	diffuse
Mounting	surface mount
Reflector color	-
Finishing	white/black/grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

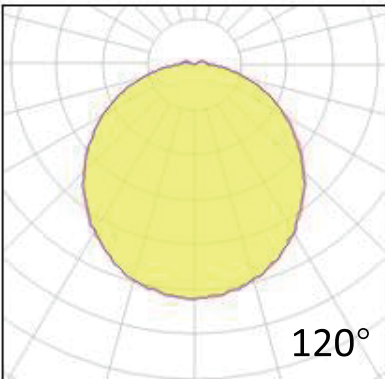
Light control

ON/off,optional DALI dimming

Construction

Die cast aluminum shell, matte painted surface, anti-corrosion and rust proof, tough PC material lampshade, not easily damaged, IP65 structure waterproof

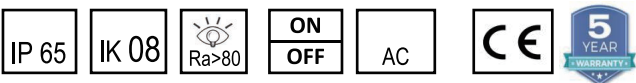
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



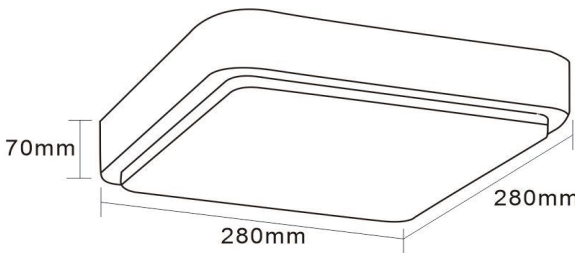
Square ceiling light

Product Code
OPTISCL1A24W220V



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2880 lm
Source efficiency	120 lm/W
Delivered flux	2400 lm
Delivered efficiency	100 lm/W
Input power	24W
Supply voltage	AC220V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum+PC
Light colour/CCT	3000K/4000K/6000K
Beam angle	diffuse
Mounting	surface mount
Reflector color	-
Finishing	black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

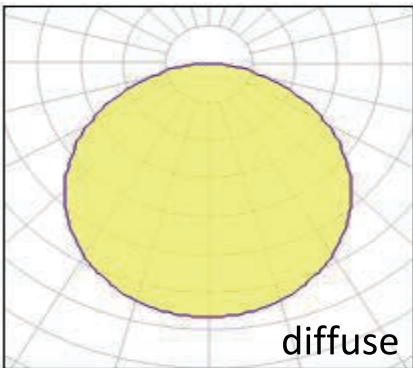
Light control

ON/off,optional DALI dimming

Construction

Aluminum shell, surface coated with high-temperature baking paint, lampshade made of PC material

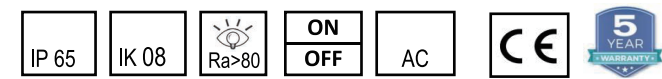
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



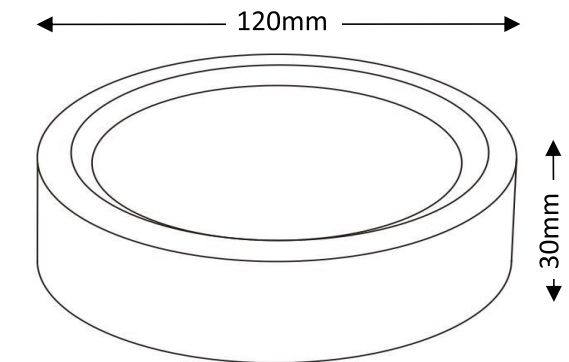
Wall light

Product Code
ARCIWL1A12W220V



IP rating	54
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1440 lm
Source efficiency	120 lm/W
Delivered flux	1200 lm
Delivered efficiency	100 lm/W
Input power	12W
Supply voltage	AC220V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum+PC
Light colour/CCT	3000K/4000K/6000K
Beam angle	120°
Mounting	surface mount
Reflector color	-
Finishing	black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

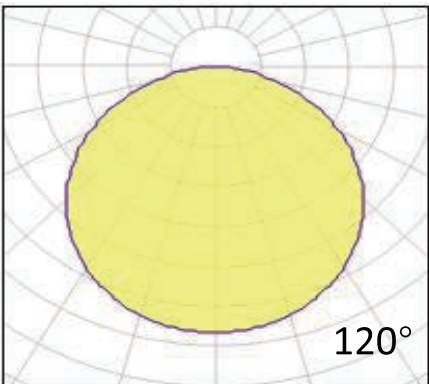
Light control

ON/off

Construction

Aluminum shell, surface coated with high-temperature baking paint, lampshade made of PC material

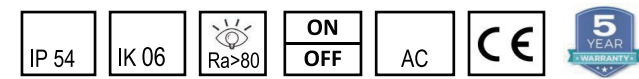
Photometrics



Warranty

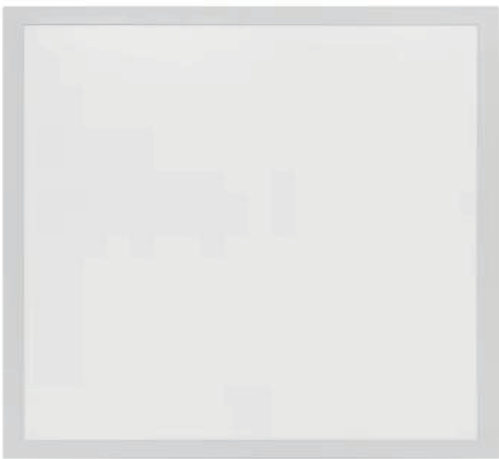
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



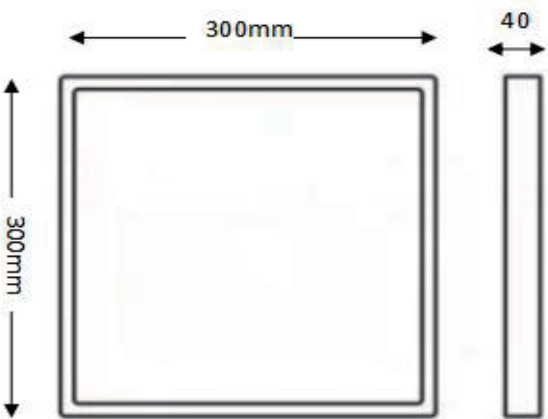
Panel Light

Product Code
ARCIPL2A25W220V



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	3000 lm
Source efficiency	120 lm/W
Delivered flux	2500 lm
Delivered efficiency	100 lm/W
Input power	25 W
Supply voltage	AC 220V
Insulation Class	insulation class I
Power supply	Built in constant current driver
Material	aluminum+PC
Light colour/CCT	6000K
Beam angle	120°
Mounting	ceiling-recessed
Reflector color	/
Finishing	White

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

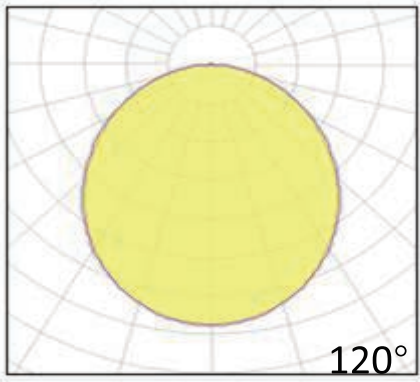
Light control

ON/off,

Construction

Aluminum frame, PS diffusion plate, iron bottom surface with high-temperature baked paint,Aluminum PCB+LED ChipS+PMMA LENS

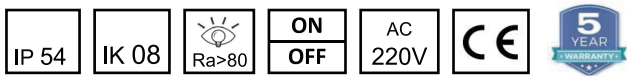
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



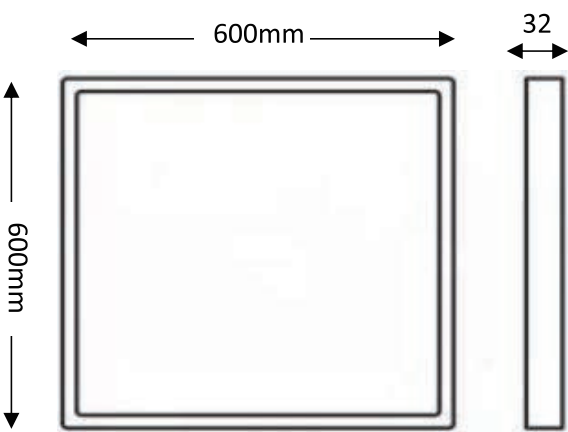
Recessed Panel lights

Product Code
ARCIRPL1CS36W220V



IP rating	40
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	4320 lm
Source efficiency	120 lm/W
Delivered flux	3600 lm
Delivered efficiency	100 lm/W
Input power	36W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum+iron+PS
Light colour/CCT	3000K/4000K/6000K
Beam angle	120°
Mounting	ceiling-recessed
Reflector color	-
Finishing	white

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

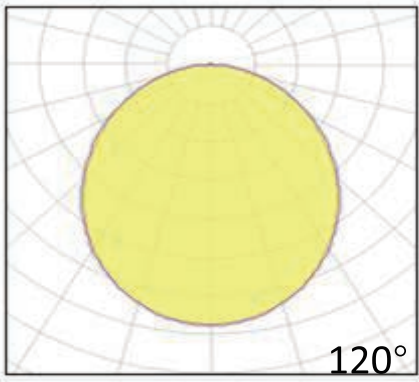
Light control

ON/off,

Construction

Aluminum frame, PS diffusion plate, iron bottom surface with high-temperature baked paint,Aluminum PCB+LED ChipS+PMMA LENS

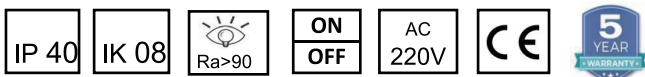
Photometrics



Warranty

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- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



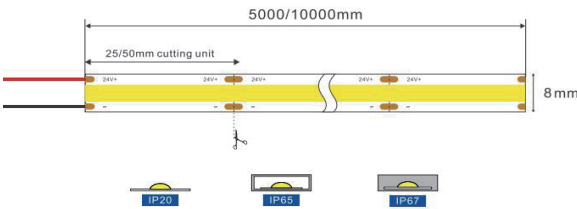
Strip light

Product Code
OPTISLSB420P8W24V
OPTISLSB420P8W24VD



IP rating	20
Ik rating	3
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	1000 lm
Delivered efficiency	100 lm/W
Input power	10W
Supply voltage	24V DC
Insulation Class	insulation class III
Power supply	-
Material	Flexible Printed Circuit
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	120°
Mounting	surface mount
LED Qty	420

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

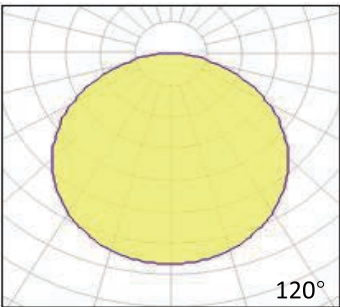
Light control

ON/off,optional DALI dimming

Construction

Flexible Printed Circuit,Double sided adhesive tape on the back of the light strip

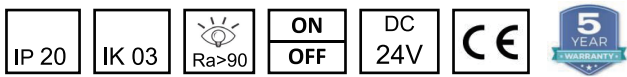
Photometrics



Warranty

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Specifications



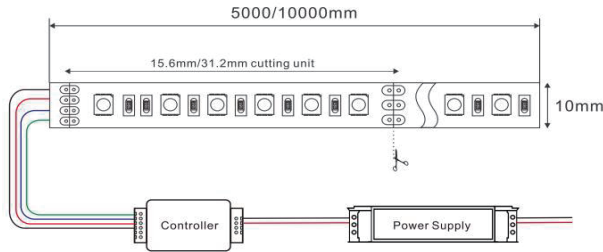
RGB LED Light Strip

Product Code
OPTIRGBLS60P13W24V



IP rating	20
Ik rating	3
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	-
Step McAdam	3
Source flux	1300 lm
Source efficiency	100 lm/W
Delivered flux	1300 lm
Delivered efficiency	100 lm/W
Input power	13W
Supply voltage	24V DC
Insulation Class	insulation class III
Power supply	-
Material	Flexible Printed Circuit+silica gel
Light colour/CCT	RGB
Beam angle	120°
Mounting	surface mount
LED Qty	60

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

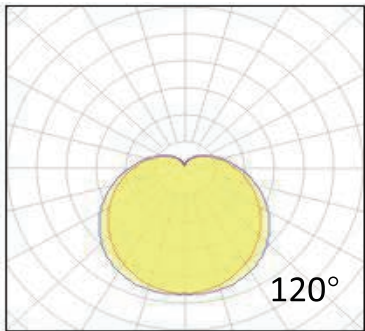
Light control

ON/off,Dali dimming

Construction

Flexible printed circuit board, Double sided adhesive tape on the back of the light strip

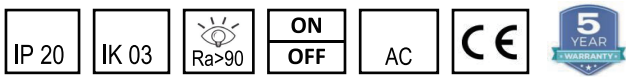
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



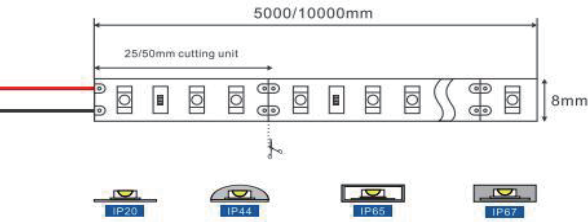
Strip light

Product Code
OPTISLUB240P20W24V
OPTISLUB240P20W24VD



IP rating	20
Ik rating	0
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	2400 lm
Source efficiency	120 lm/W
Delivered flux	2000 lm
Delivered efficiency	100 lm/W
Input power	20W
Supply voltage	24V DC
Insulation Class	insulation class III
Power supply	-
Material	Flexible Printed Circuit
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	120°
Mounting	surface mount
LED Qty	240

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

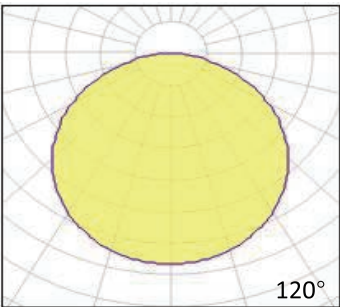
Light control

ON/off,optional DALI dimming

Construction

Flexible Printed Circuit,Double sided adhesive tape on the back of the light strip

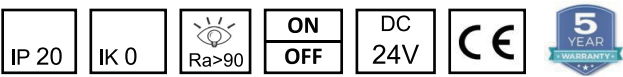
Photometrics



Warranty

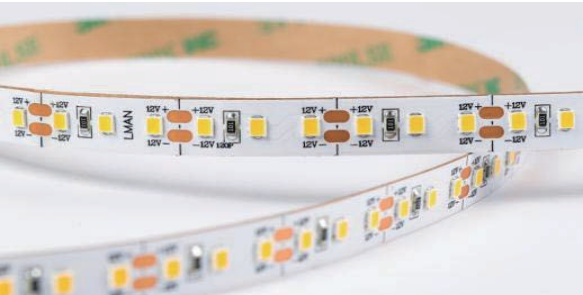
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



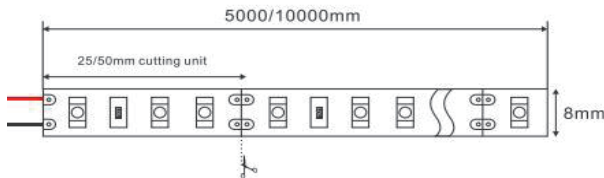
LED Strip

Product Code
ARCILS120D10W24V



IP rating	20
Ik rating	3
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	1200 lm
Delivered efficiency	120 lm/W
Input power	10W
Supply voltage	24V DC
Insulation Class	insulation class I
Power supply	-
Material	Flexible Printed Circuit
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	120°
Mounting	surface mount
LED Qty	120

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

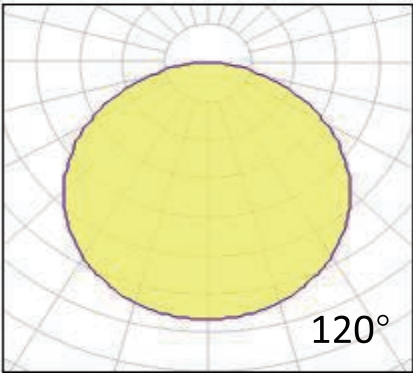
Light control

ON/off,

Construction

Flexible Printed Circuit,Double sided adhesive tape on the back of the light strip

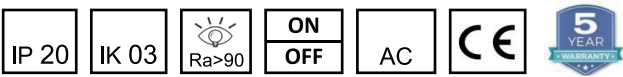
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



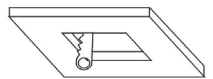
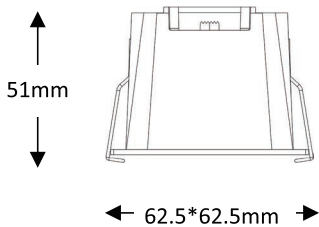
Recessed Downlight

Product Code
OPTIDL19AS8W220V
OPTIDL19AS8W220VD



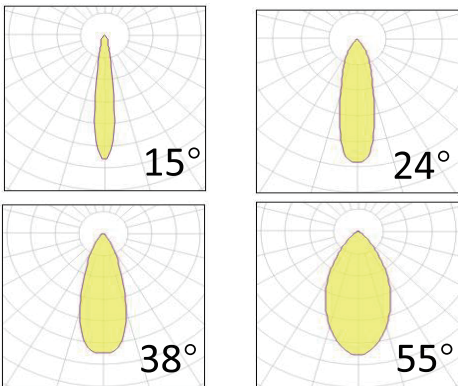
IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	960 lm
Source efficiency	120 lm/W
Delivered flux	640 lm
Delivered efficiency	80 lm/W
Input power	8W
Supply voltage	100~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	15/24/38/55°
Mounting	Surface Mounted
Reflector color	Black/White/Silver
Finishing	white/black

Technical drawing



cut size:55*55mm

Photometrics



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

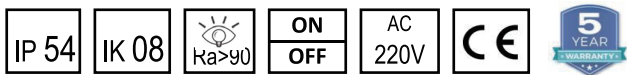
Construction

- Cast aluminum trim routes heat away from electrical components
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

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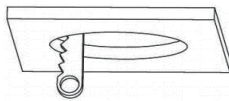
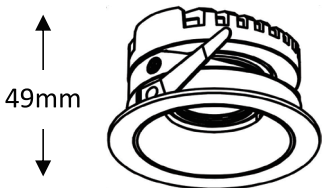
Recessed Downlight

Product Code
OPTIDL28AR12W220V
OPTIDL28AR12W220VD



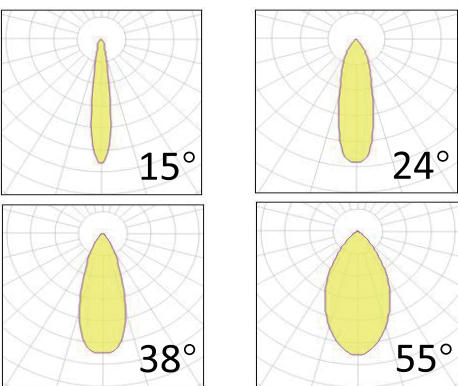
IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1440 lm
Source efficiency	120 lm/W
Delivered flux	960 lm
Delivered efficiency	80 lm/W
Input power	12W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	15/24/38/55°
Mounting	Surface Mounted
Reflector color	Black/White/Silver
Finishing	white/black

Technical drawing



cut size:Ø75mm

Photometrics



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

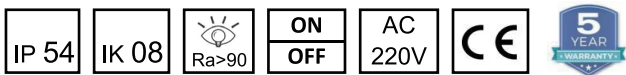
Construction

- Cast aluminum trim routes heat away from electrical components
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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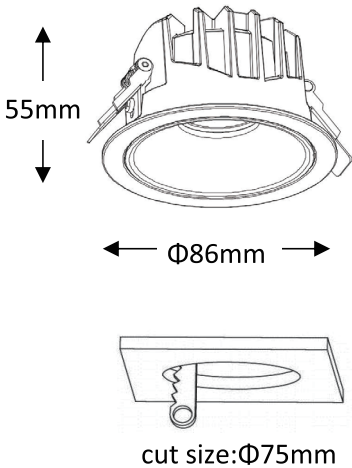
Recessed Downlight

Product Code
OPTIDL18AR10W220V
OPTIDL18AR10W220VD



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	800 lm
Delivered efficiency	80 lm/W
Input power	10W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	12/24/38/55°
Mounting	Surface Mounted
Reflector color	Black/White/Silver
Finishing	white/black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

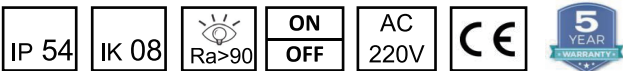
Construction

- Cast aluminum trim routes heat away from electrical components
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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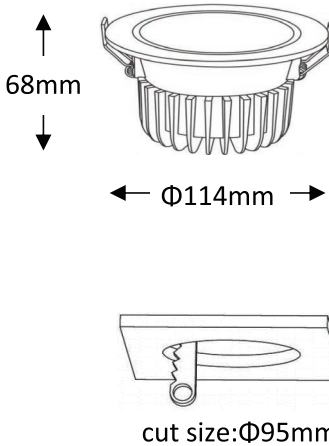
Recessed Downlight

Product Code
OPTIDL30AR15W220V
OPTIDL30AR15W220VD



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1800 lm
Source efficiency	120 lm/W
Delivered flux	1200 lm
Delivered efficiency	80 lm/W
Input power	15W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	15/24/36/60°
Mounting	Surface Mounted
Reflector color	Black/White/Silver
Finishing	white/black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

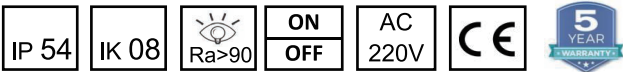
Construction

- Cast aluminum trim routes heat away from electrical components
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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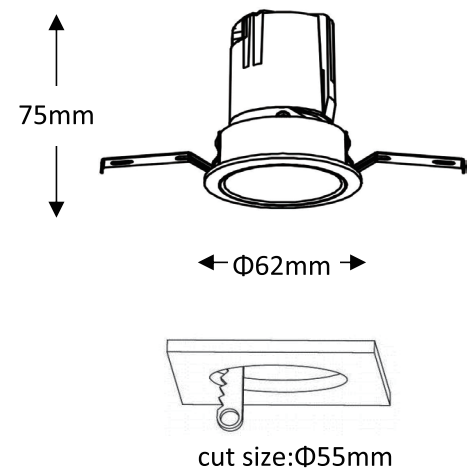
Recessed Spotlight

Product Code
OPTISL7AR8W220V
OPTISL7AR8W220VD



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	960 lm
Source efficiency	120 lm/W
Delivered flux	640 lm
Delivered efficiency	80 lm/W
Input power	8W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/55°
Mounting	ceiling-recessed
Reflector color	Black/White/Silver
Finishing	white/black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

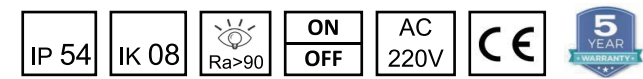
Construction

- Cast aluminum trim routes heat away from electrical components
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Warranty

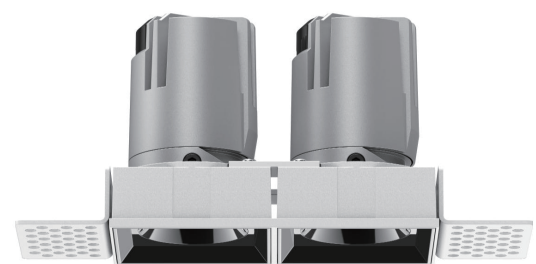
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



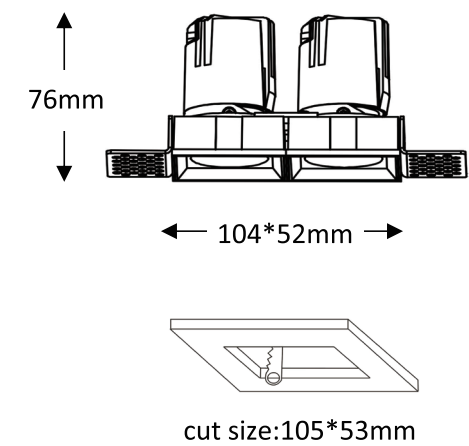
Trimless Recessed Spotlight

Product Code
OPTISL11AS2*7W220V
OPTISL11AS2*7W220VD



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1680 lm
Source efficiency	120 lm/W
Delivered flux	1120 lm
Delivered efficiency	80 lm/W
Input power	2*7W
Supply voltage	100~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	15/24/36/55°
Mounting	ceiling-recessed
Reflector color	Black/White/Silver
Finishing	white/black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

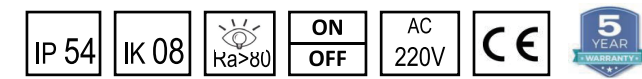
Construction

- Cast aluminum trim routes heat away from electrical components
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



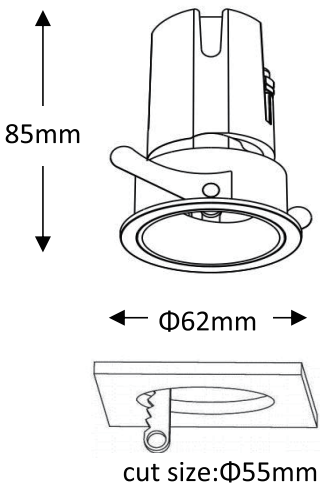
Recessed Spotlight

Product Code
OPTISL1BR10W220V
OPTISL1BR10W220VD

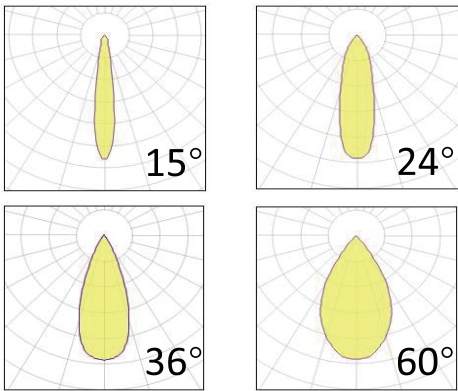


IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperatur
CRI	>90
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	800 lm
Delivered efficiency	80 lm/W
Input power	10W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	15/24/36/60°
Mounting	ceiling-recessed
Reflector color	Matte Black/Matte White/Sand Silver
Finishing	white and dark grey

Technical drawing



Photometrics



OPTILUX LIGHTING

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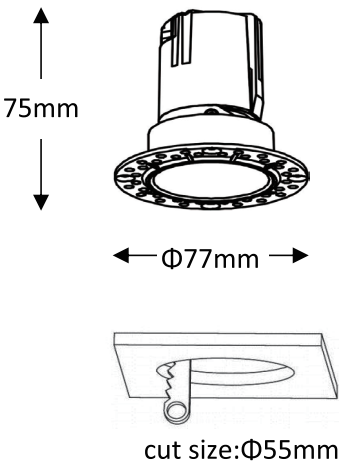
Trimless Recessed Spotlight

Product Code
OPTISL9AR8W220V
OPTISL9AR8W220VD

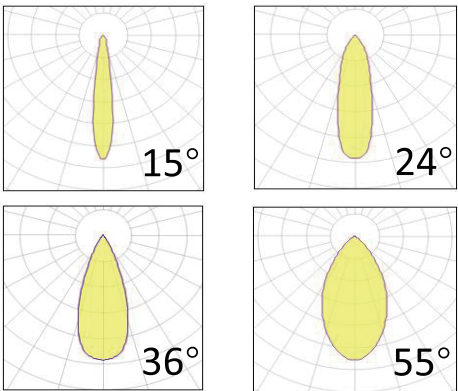


IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	960 lm
Source efficiency	120 lm/W
Delivered flux	640 lm
Delivered efficiency	80 lm/W
Input power	8W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/55°
Mounting	ceiling-recessed
Reflector color	Black/White/Silver
Finishing	white/black

Technical drawing



Photometrics



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Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

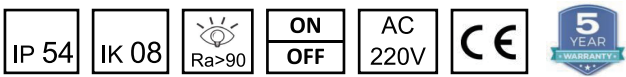
Construction

- Cast aluminum trim routes heat away from electrical componen
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

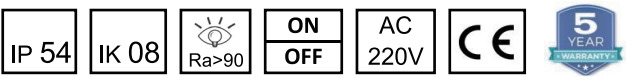
Construction

- Cast aluminum trim routes heat away from electrical componen
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



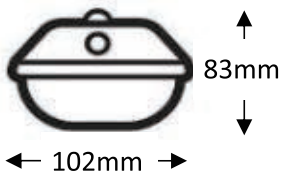
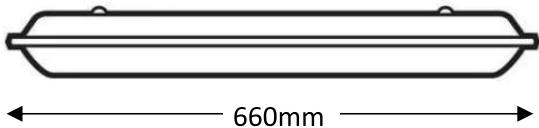
Vapor Proof Light

Product Code
OPTIVPL2A18W220V



IP rating	65
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2160 lm
Source efficiency	120 lm/W
Delivered flux	1800 lm
Delivered efficiency	100 lm/W
Input power	2*9W
Supply voltage	AC 110~240V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	ABS+PC
Light colour/CCT	3000K/4000K/6000K
Beam angle	diffuse
Mounting	surface mount
Reflector color	-
Finishing	Grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

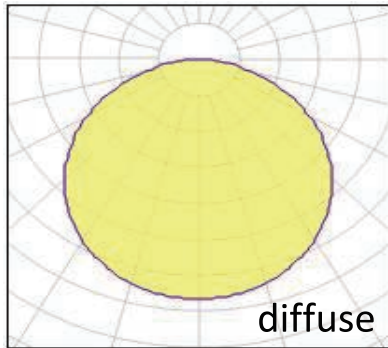
Light control

ON/off,optional DALI dimming

Construction

ABS bottom shell, PC striped lampshade, silicone sealing ring

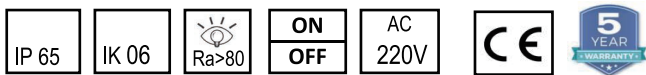
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



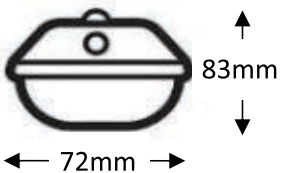
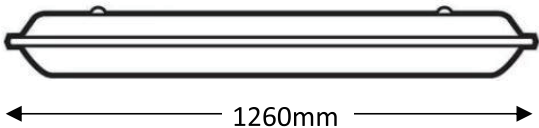
Vapor Proof Light

Product Code
OPTIVPL1A18W220V



IP rating	65
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2160 lm
Source efficiency	120 lm/W
Delivered flux	1800 lm
Delivered efficiency	100 lm/W
Input power	18W
Supply voltage	AC 110~240V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	ABS+PC
Light colour/CCT	3000K/4000K/6000K
Beam angle	diffuse
Mounting	surface mount
Reflector color	-
Finishing	Grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

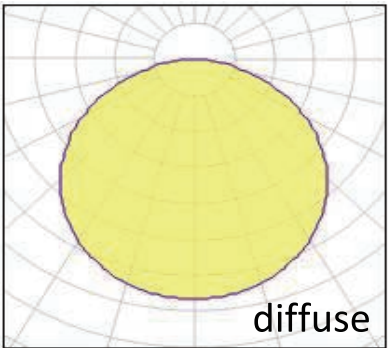
Light control

ON/off,optional DALI dimming

Construction

ABS bottom shell, PC striped lampshade, silicone sealing ring

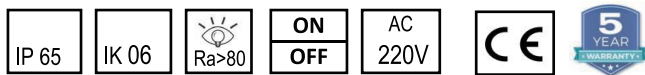
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



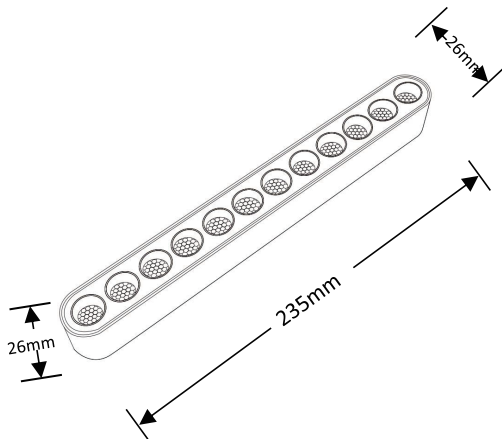
M26 Magnetic track light

Product Code

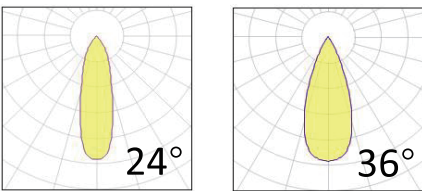
OPTIMT26CGL12W48VD



Technical drawing



Photometrics



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1440 lm
Source efficiency	120 lm/W
Delivered flux	1116 lm
Delivered efficiency	93 lm/W
Input power	12W
Supply voltage	DC48V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	24°/36°
Mounting	Track installation
Reflector color	black
Finishing	black/white

Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

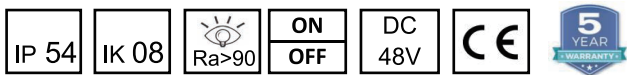
Construction

Die cast aluminum shell, matte painted surface, track head with strong magnet, suitable for standard 26 tracks and accessories

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



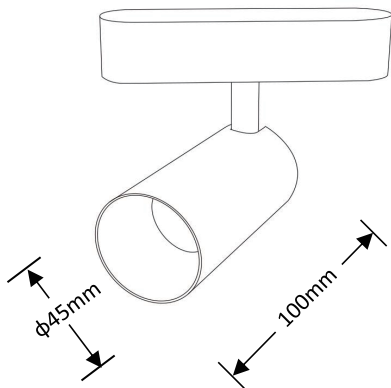
M26 Magnetic Track Lights

Product Code

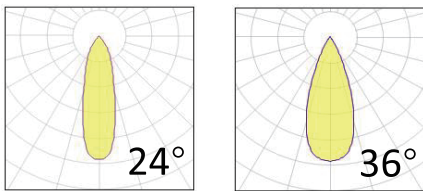
OPTIMT26TL10W48V
OPTIMT26TL10W48VD



Technical drawing



Photometrics



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	930 lm
Delivered efficiency	93 lm/W
Input power	10W
Supply voltage	DC48V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	24°/36°
Mounting	Track installation
Reflector color	black
Finishing	black

Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

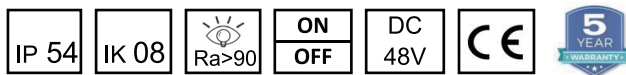
Construction

Die cast aluminum shell, matte painted surface, track head with strong magnet, suitable for standard 26 tracks and accessories

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



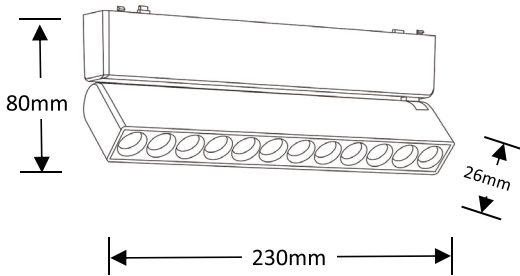
M26 Magnetic Track Light

Product Code
OPTIMT26FGL12W48VA
OPTIMT26FGL12W48VAD



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1440 lm
Source efficiency	120 lm/W
Delivered flux	1116 lm
Delivered efficiency	93 lm/W
Input power	12W
Supply voltage	DC48V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	24°/36°
Mounting	Track installation
Reflector color	black
Finishing	black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

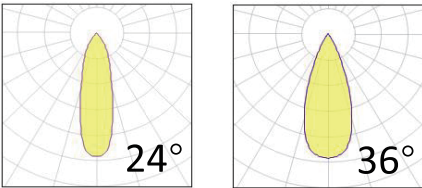
Light control

ON/off,optional DALI dimming

Construction

Die cast aluminum shell, matte painted surface, track head with strong magnet, suitable for standard 26 tracks and accessories

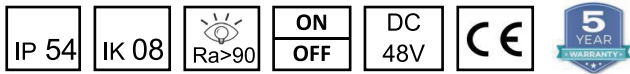
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



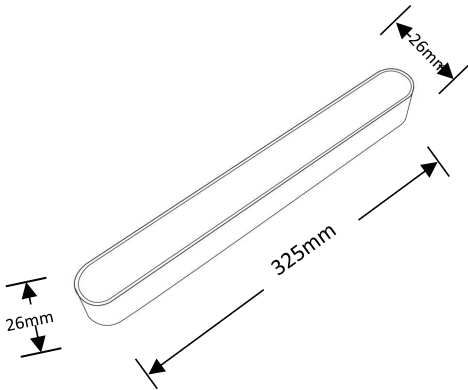
M26 Magnetic track light

Product Code
OPTIMT26FL12W48VB
OPTIMT26FL12W48VBD



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1440 lm
Source efficiency	120 lm/W
Delivered flux	1116 lm
Delivered efficiency	93 lm/W
Input power	12W
Supply voltage	DC48V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	120°
Mounting	Track installation
Reflector color	black
Finishing	black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

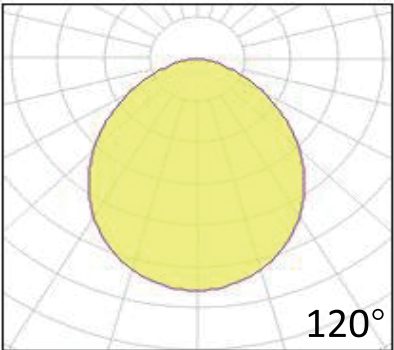
Light control

ON/off,optional DALI dimming

Construction

Die cast aluminum shell, matte painted surface, track head with strong magnet, suitable for standard 26 tracks and accessories

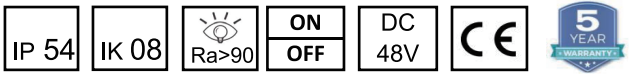
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



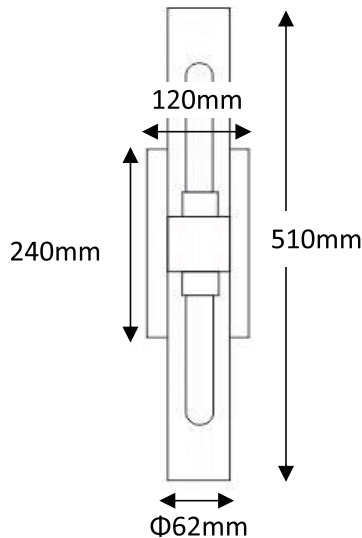
Wall Light

Product Code
ARCIWL1AR8W220V

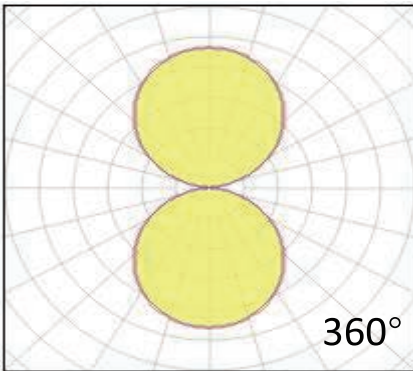


IP rating	54
Ik rating	0
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	880 lm
Source efficiency	110 lm/W
Delivered flux	880 lm
Delivered efficiency	110 lm/W
Input power	4W*2
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	copper+glass
Light colour/CCT	2700K/3000K
Beam angle	-
Mounting	surface mount
Reflector color	-
Finishing	brass

Technical drawing



Photometrics



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off

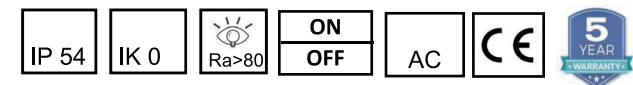
Construction

Copper base lamp holder, transparent glass lampshade, built-in E27 lamp holder, can be installed with standard E27/E26 lamp holders for light tubes

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



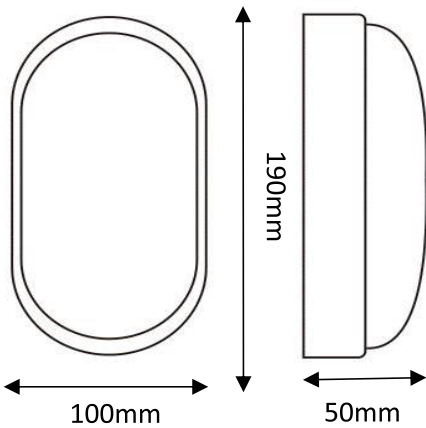
Surface Mounted Wall Light

Product Code
OPTISMWL2AR12W220V
OPTISMWL2AR12W220VD

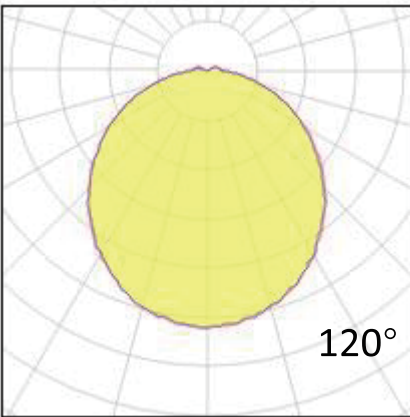


IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1440 lm
Source efficiency	120 lm/W
Delivered flux	1200 lm
Delivered efficiency	100 lm/W
Input power	12W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminium+PC
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	120°
Mounting	surface mount
Reflector color	-
Finishing	white/black/grey

Technical drawing



Photometrics



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,optional DALI dimming

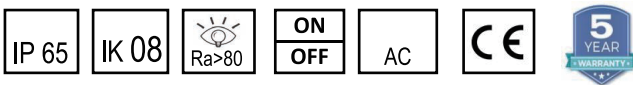
Construction

Die cast aluminum shell, matte painted surface, anti-corrosion and rust proof, tough PC material lampshade, not easily damaged, IP65 structure waterproof

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



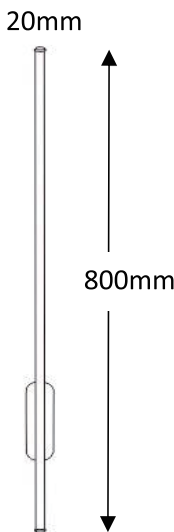
Wall Light

Product Code
OPTIWL2AR10W220V
OPTIWL2AR10W220VD



IP rating	54
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	120 lm
Source efficiency	120 lm/W
Delivered flux	800 lm
Delivered efficiency	80 lm/W
Input power	10W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	Aluminium+PC
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	-
Mounting	surface mount
Reflector color	-
Finishing	brass/black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off

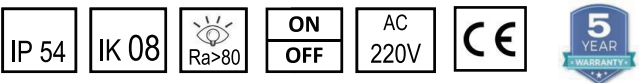
Construction

Brass lamp holder, surface treated with anti-oxidation, moisture-proof and anti-corrosion, PC diffuse reflective lampshade with soft light

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



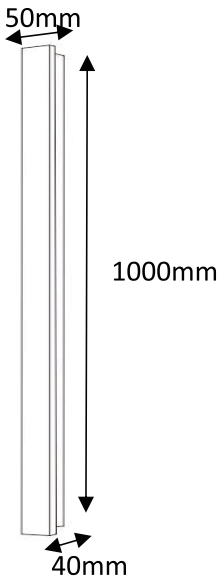
Wall Light

Product Code
OPTIWL4AS12W220V
OPTIWL4AS12W220VD



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1440 lm
Source efficiency	120 lm/W
Delivered flux	960 lm
Delivered efficiency	80 lm/W
Input power	12W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum
Light colour/CCT	3000K
Beam angle	diffuse
Mounting	surface mount
Reflector color	-
Finishing	Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/OFF

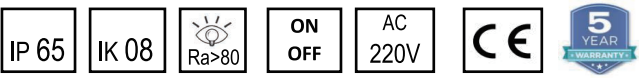
Construction

Die cast aluminum shell, surface sandblasting treatment, Double layer acrylic lampshade, stainless steel screws

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



Datasheet

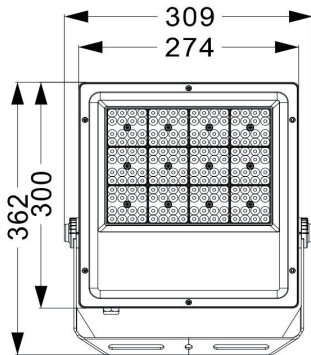
Flood Lights

Product Code
OPTOFL10CS180W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	21600 lm
Source efficiency	120 lm/W
Delivered flux	14400 lm
Delivered efficiency	80 lm/W
Input power	180W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	30°/60°/90°/120°
Mounting	surface mount
Reflector color	-
Finishing	Black

Technical drawing



Temperature limits

Working temperature	-40C° to +50C°
Storage temperature	-40C° to +75C°

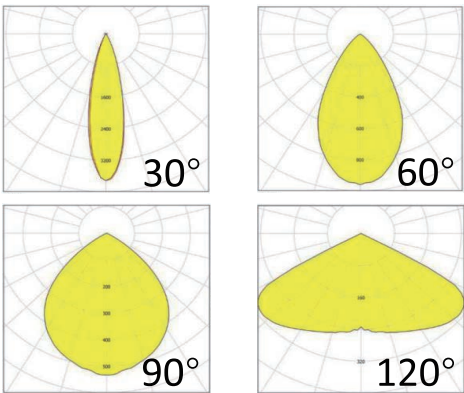
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

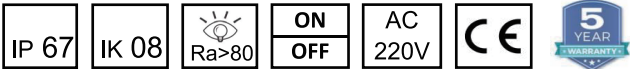
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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Outdoor lighting

As your trusted Outdoor Lighting Wholesale supplier, we provide a vast selection of Bulk Outdoor Lights to meet your needs. From landscape lighting to architectural lighting, we have you covered. The Outdoor Lighting section focuses on providing high-quality and durable outdoor lighting products to meet various applications, from urban landscapes to industrial facilities. Our range includes floodlights, wall lights, garden lights, in-ground lights, solar lights, and more, featuring waterproof, dustproof, and weather-resistant properties. Whether lighting streets, gardens, or enhancing architectural beauty, our outdoor lighting solutions deliver exceptional performance and reliability.

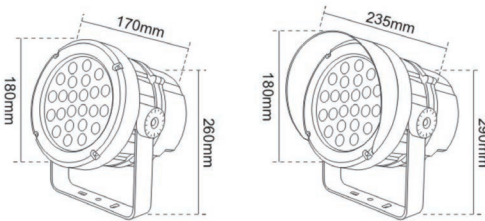
Flood light

Product Code
OPTOFL13CR24W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2880 lm
Source efficiency	120 lm/W
Delivered flux	1920 lm
Delivered efficiency	80 lm/W
Input power	24W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

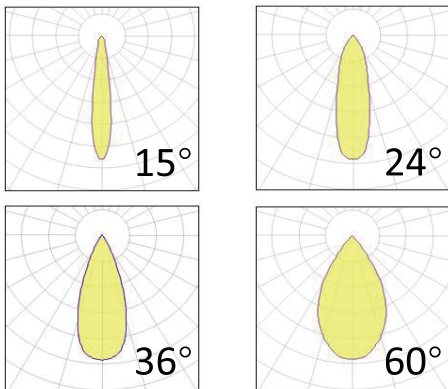
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

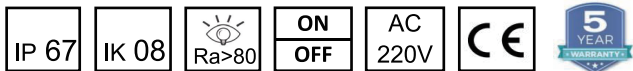
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

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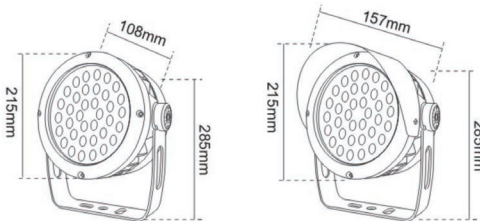
Flood Light

Product Code
OPTOFL14CR36W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	4320 lm
Source efficiency	120 lm/W
Delivered flux	2880 lm
Delivered efficiency	80 lm/W
Input power	36W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

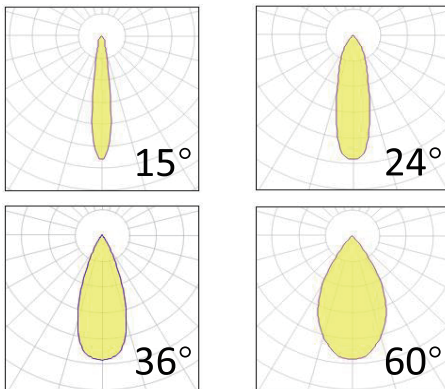
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

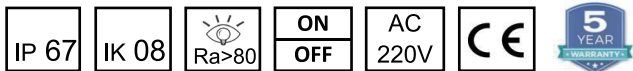
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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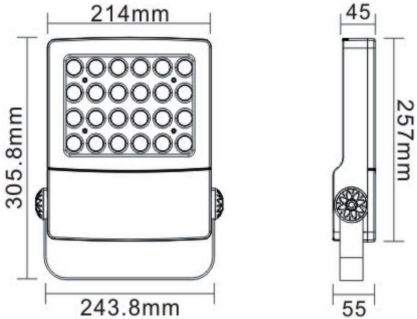
Flood Light

Product Code
OPTOFL1DS24*2W220V



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	5760 lm
Source efficiency	120 lm/W
Delivered flux	3840 lm
Delivered efficiency	80 lm/W
Input power	48W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	30°/60°/90°/120°
Mounting	surface mount
Reflector color	-
Finishing	Grey

Technical drawing



Temperature limits

Working temperature	-40C° to +50C°
Storage temperature	-40C° to +75C°

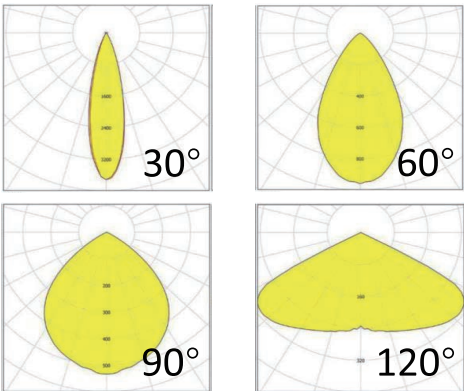
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

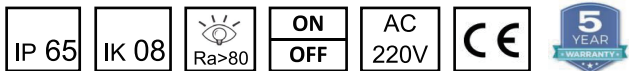
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

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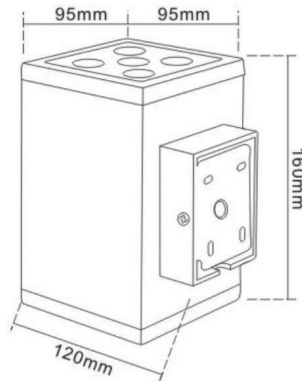
Wall Lights

Product Code
OPTOWL29CS5*2W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	800 lm
Delivered efficiency	80 lm/W
Input power	10W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

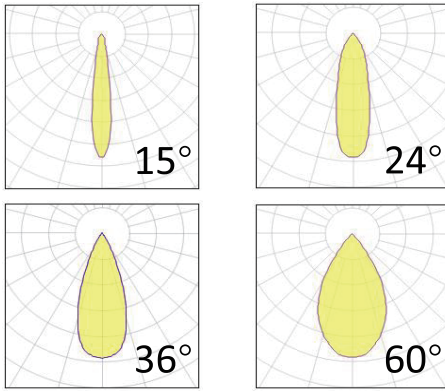
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

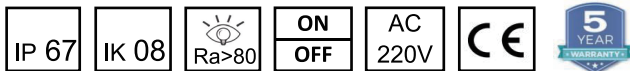
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

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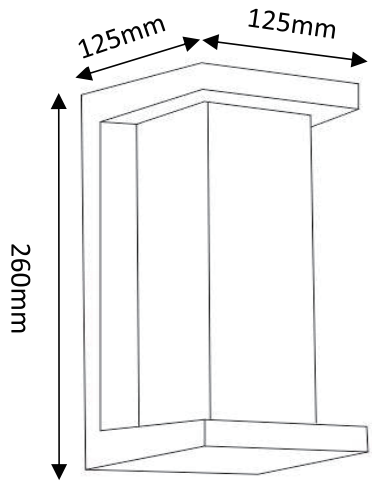
Outdoor Wall Light

Product Code
OPTOWL1AS18W220V
OPTOWL1AS18W220VD



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2160 lm
Source efficiency	120 lm/W
Delivered flux	1620 lm
Delivered efficiency	90 lm/W
Input power	18W
Supply voltage	100~240V AC
Insulation Class	insulation class III
Power supply	Lifud driver constant current
Material	aluminium+PC
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	-
Mounting	surface mount
Reflector color	-
Finishing	white/black/grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

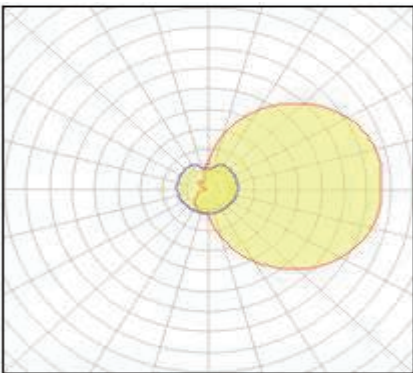
Light control

ON/off,optional DALI dimming

Construction

Die cast aluminum shell, matte painted surface, anti-corrosion and rust proof, tough PC material lampshade, not easily damaged, IP65 structure waterproof

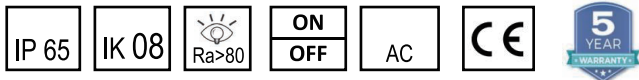
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



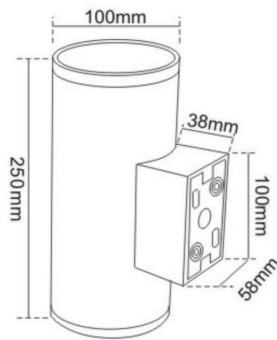
Wall light

Product Code
OPTOWL31CR2*9W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2160 lm
Source efficiency	120 lm/W
Delivered flux	1440 lm
Delivered efficiency	80 lm/W
Input power	18W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	24°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

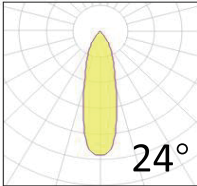
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

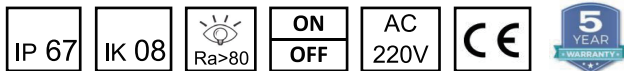
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



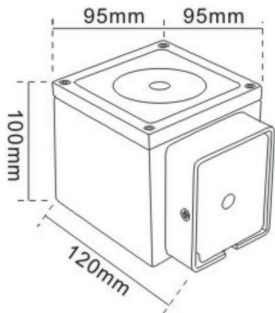
Wall Lights

Product Code
OPTOWL28CS15W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1800 lm
Source efficiency	120 lm/W
Delivered flux	1200 lm
Delivered efficiency	80 lm/W
Input power	15W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

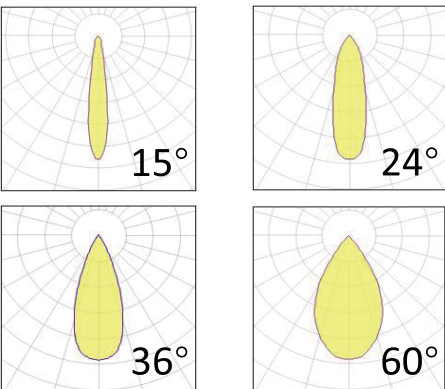
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

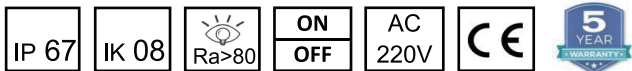
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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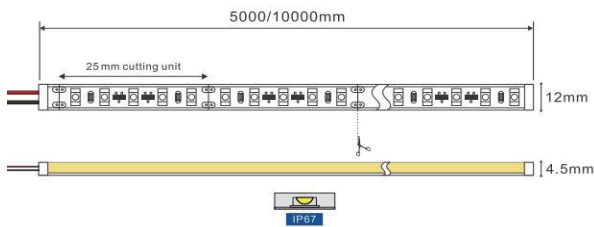
Strip light

Product Code
OPTISL35ND120P5W24V
OPTISL35ND120P5W24VD



IP rating	67
Ik rating	3
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	600 lm
Source efficiency	120 lm/W
Delivered flux	500 lm
Delivered efficiency	100 lm/W
Input power	5 W
Supply voltage	24V DC
Insulation Class	insulation class III
Power supply	-
Material	Flexible Printed Circuit
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	120°
Mounting	surface mount
LED Qty	120

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

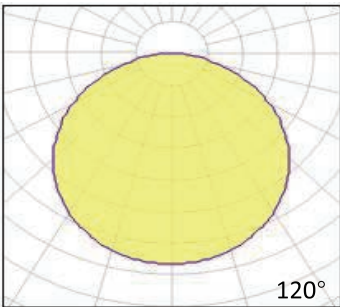
Light control

ON/off,optional DALI dimming

Construction

Flexible Printed Circuit,Double sided adhesive tape on the back of the light strip

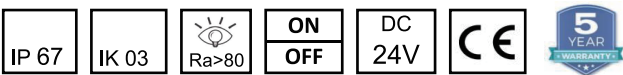
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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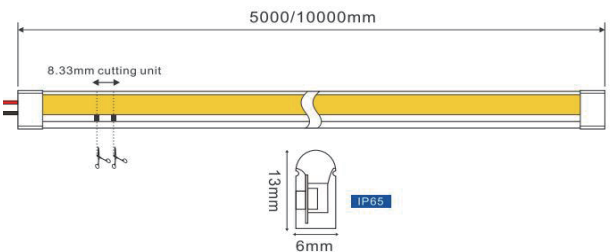
Flexible Neon Light S trip

Product Code
OPTOFNLS120P10W24V



IP rating	65
Ik rating	3
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	1000 lm
Delivered efficiency	100 lm/W
Input power	10W
Supply voltage	24V DC
Insulation Class	insulation class III
Power supply	-
Material	Flexible Printed Circuit+silica gel
Light colour/CCT	3000K/4000K/6000K
Beam angle	diffuse
Mounting	surface mount
LED Qty	120

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

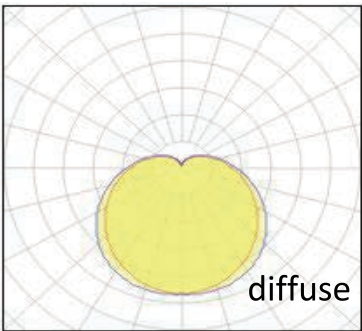
Light control

ON/off

Construction

Flexible printed circuit board, Double sided adhesive tape on the back of the light strip,Outdoor IP65 waterproof, UV resistant pure silicone integrated molding extrusion process

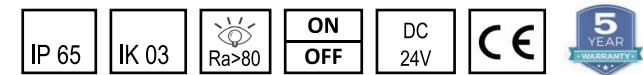
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



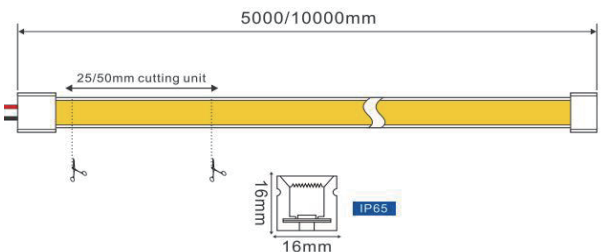
Flexible Neon Light S trip

Product Code
OPTOFNLS120P10W24VD



IP rating	65
Ik rating	3
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	1000 lm
Delivered efficiency	100 lm/W
Input power	10W
Supply voltage	24V DC
Insulation Class	insulation class III
Power supply	-
Material	Flexible Printed Circuit+silica gel
Light colour/CCT	3000K/4000K/6000K
Beam angle	diffuse
Mounting	surface mount
LED Qty	120

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

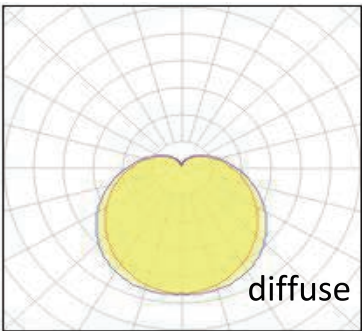
Light control

ON/off

Construction

Flexible printed circuit board, Double sided adhesive tape on the back of the light strip,Outdoor IP65 waterproof, UV resistant pure silicone integrated molding extrusion process

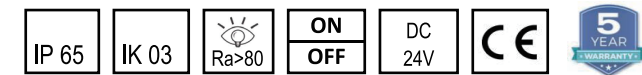
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



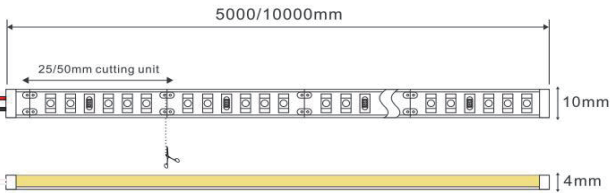
Waterproof Light Strip

Product Code
OPTOLS120P10W24V



IP rating	68
Ik rating	3
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	1200 lm
Delivered efficiency	120 lm/W
Input power	10W
Supply voltage	24V DC
Insulation Class	insulation class III
Power supply	-
Material	Flexible Printed Circuit+silica gel
Light colour/CCT	3000K/4000K/6000K
Beam angle	120°
Mounting	surface mount
LED Qty	120

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

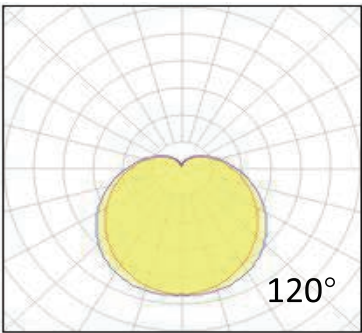
Light control

ON/off,Dali dimming

Construction

Flexible printed circuit board, Double sided adhesive tape on the back of the light strip,Outdoor IP67 waterproof, UV resistant pure silicone integrated molding extrusion process

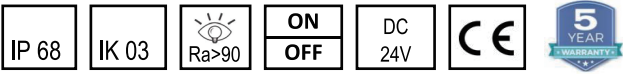
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications

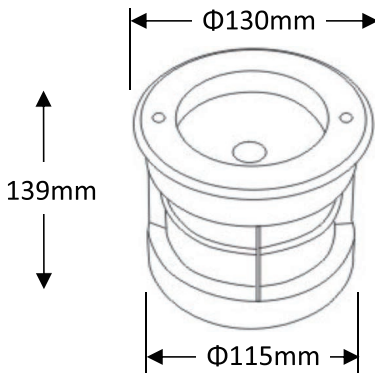


Inground light

Product Code
OPTOIL3CR10W220V



Technical drawing



IP rating	67
Ik rating	10
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	800 lm
Delivered efficiency	80 lm/W
Input power	10W
Supply voltage	220V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium+304 stainless steel
Light colour/CCT	3000K/3500K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	in-ground embedded
Reflector color	black
Finishing	silvery

Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

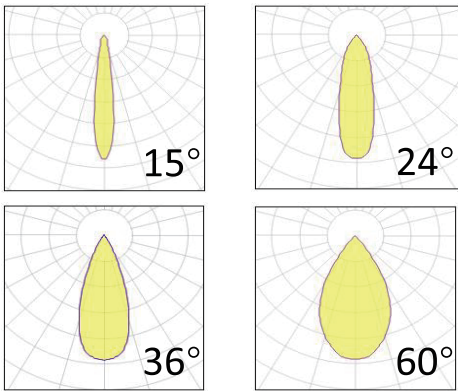
Light control

ON/off

Construction

Die cast aluminum lamp body, stainless steel cover, tempered glass, dual waterproofing of structural waterproofing and adhesive waterproofing

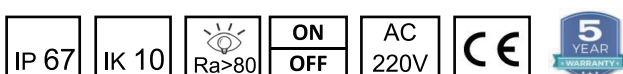
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



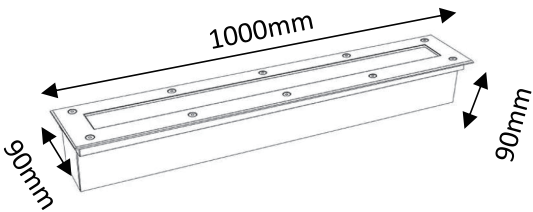
Stainless steel in-ground light

Product Code
OPTOUL1S18W220V



IP rating	67
Ik rating	10
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2160 lm
Source efficiency	120 lm/W
Delivered flux	1620 lm
Delivered efficiency	80 lm/W
Input power	18W
Supply voltage	100~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum+stainless steel
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	30°
Mounting	Underground recessed
Reflector color	-
Finishing	stainless steel

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

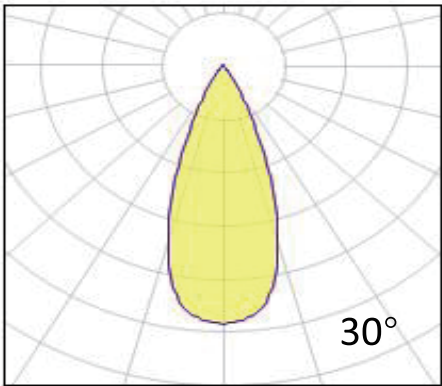
Light control

ON/off,

Construction

Die cast aluminum shell, stainless steel face mask, tempered glass, stainless steel screws

Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



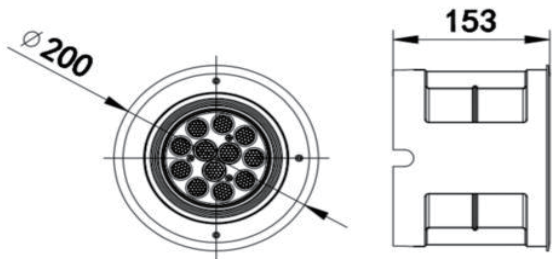
Adjustable Underground Light

Product Code
ARCOUL1C18W220V



IP rating	67
Ik rating	10
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2160 lm
Source efficiency	120 lm/W
Delivered flux	1440 lm
Delivered efficiency	80 lm/W
Input power	18W
Supply voltage	220V AC
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminium+304 stainless steel
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	-30C°
Mounting	Underground recessed
Reflector color	Black
Finishing	black and silvery

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

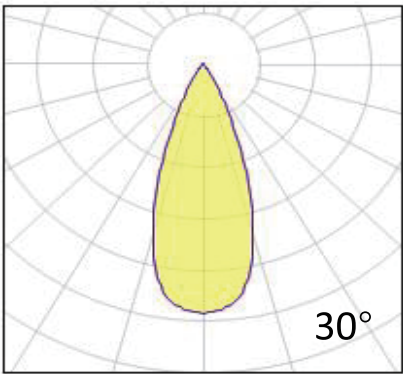
Light control

ON/off

Construction

304 stainless steel cover, die cast aluminum shell, grey hole plate, honeycomb anti glare

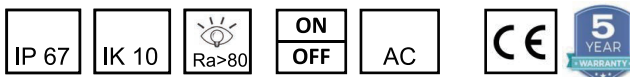
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



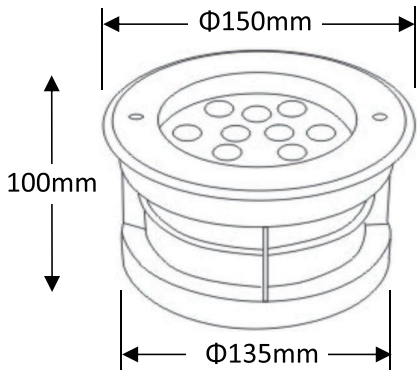
Inground light

Product Code
OPTOIL1CR9*1W220V



IP rating	67
Ik rating	10
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1080 lm
Source efficiency	120 lm/W
Delivered flux	720 lm
Delivered efficiency	80 lm/W
Input power	9W
Supply voltage	220V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium+304 stainless steel
Light colour/CCT	3000K/3500K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	in-ground embedded
Reflector color	black
Finishing	silvery

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

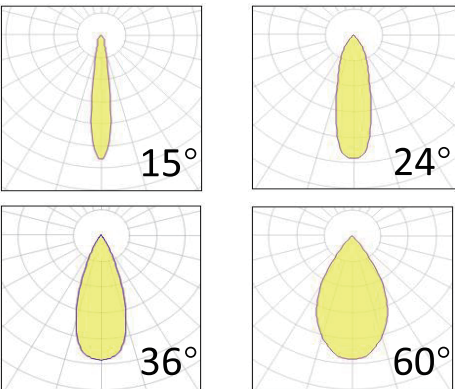
Light control

ON/off

Construction

Die cast aluminum lamp body, stainless steel cover, tempered glass, dual waterproofing of structural waterproofing and adhesive waterproofing.

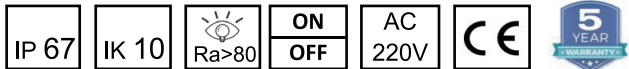
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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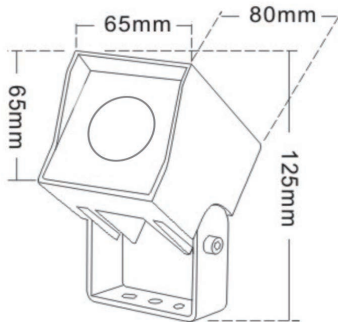
Square spotlight

Product Code
OPTOSL4CS3W220VB



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	360 lm
Source efficiency	120 lm/W
Delivered flux	240 lm
Delivered efficiency	80 lm/W
Input power	3W
Supply voltage	220V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

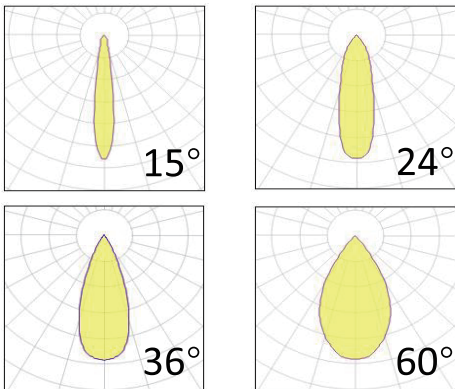
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

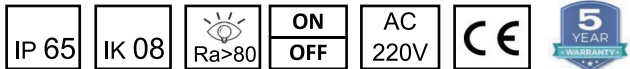
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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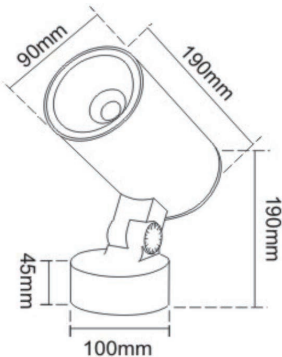
Surface mounted spotlights

Product Code
OPTOSL11CR10W220V



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	800 lm
Delivered efficiency	80 lm/W
Input power	10W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

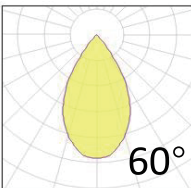
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

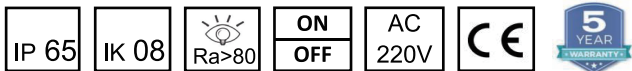
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



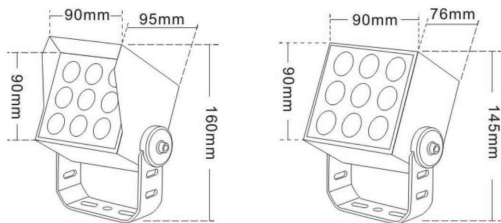
Square spotlight

Product Code
OPTOSL4CS9*2W220VB



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2160 lm
Source efficiency	120 lm/W
Delivered flux	1440 lm
Delivered efficiency	80 lm/W
Input power	18W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

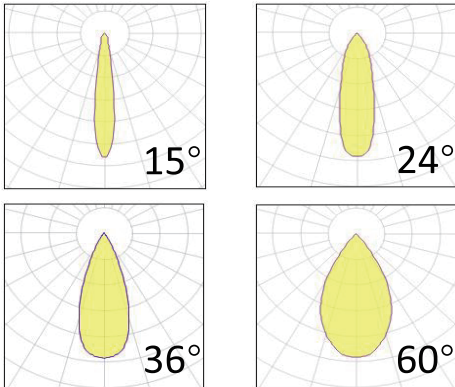
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

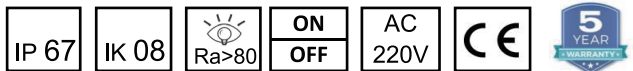
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



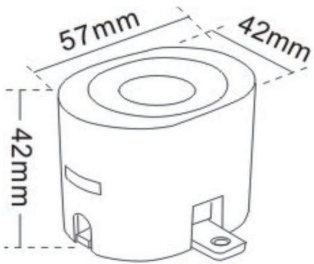
Pillar light

Product Code
OPTOPL5CS3W220VA



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	360 lm
Source efficiency	120 lm/W
Delivered flux	240 lm
Delivered efficiency	80 lm/W
Input power	3W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

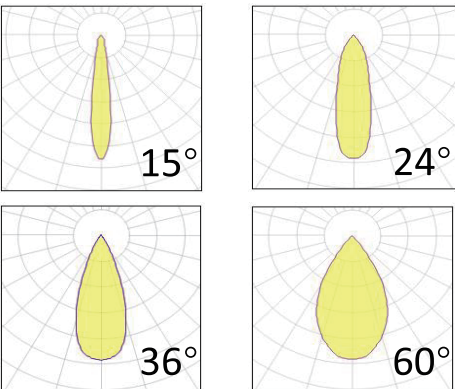
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention,Can be freely spliced, suitable for columns of different diameters, tempered glass, stainless steel screws

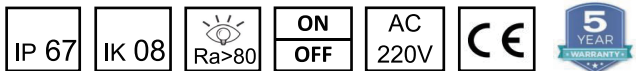
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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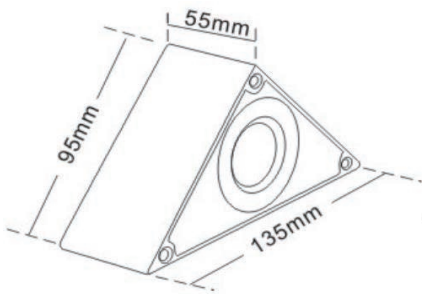
Step Lights

Product Code
OPTOSL35CS8W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	960 lm
Source efficiency	120 lm/W
Delivered flux	640 lm
Delivered efficiency	80 lm/W
Input power	8W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

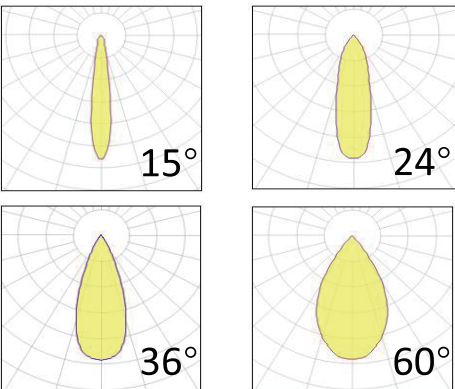
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

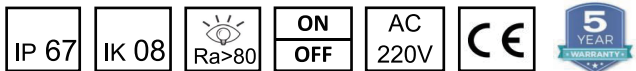
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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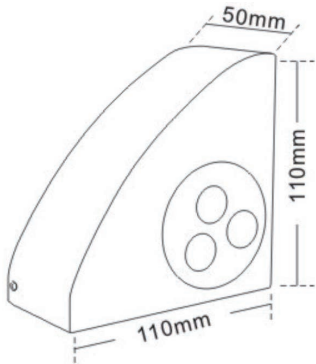
Step Lights

Product Code
OPTOSL36CS3*4W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1440 lm
Source efficiency	120 lm/W
Delivered flux	960 lm
Delivered efficiency	80 lm/W
Input power	12W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

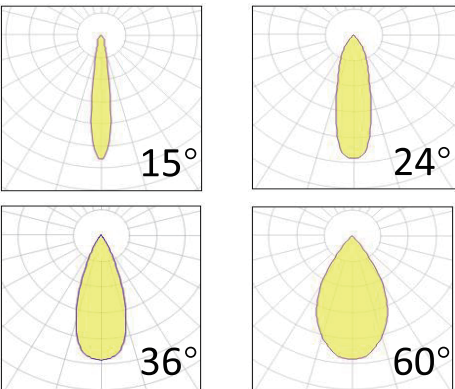
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

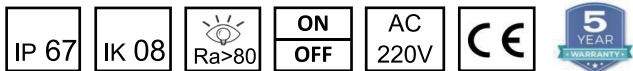
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications

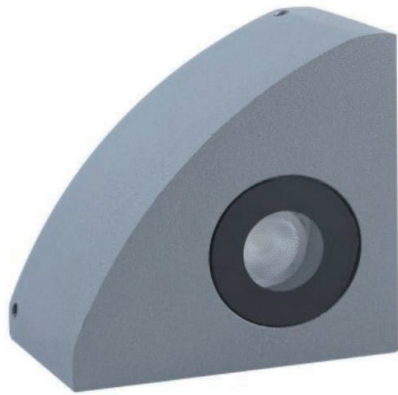


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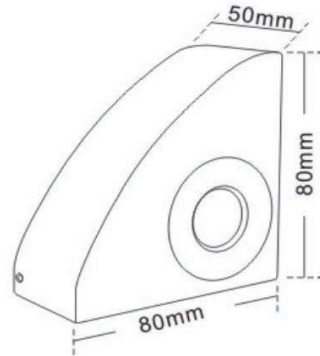
Step Lights

Product Code
OPTOSL36CS8W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	960 lm
Source efficiency	120 lm/W
Delivered flux	640 lm
Delivered efficiency	80 lm/W
Input power	8W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

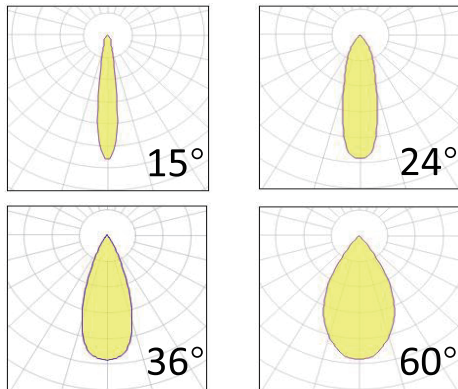
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

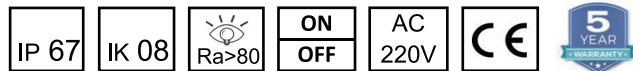
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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Underwater spotlight

Product Code
ARCOUSL1A5W24V



IP rating	68
Ik rating	5
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	550 lm
Source efficiency	110 lm/W
Delivered flux	500 lm
Delivered efficiency	100 lm/W
Input power	5W
Supply voltage	24V
Insulation Class	Class I
Power supply	Built in constant current driver
Material	304 stainless steel
Light colour/CCT	3000K
Beam angle	25°
Mounting	surface mount
Reflector color	silvery
Finishing	warm white

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

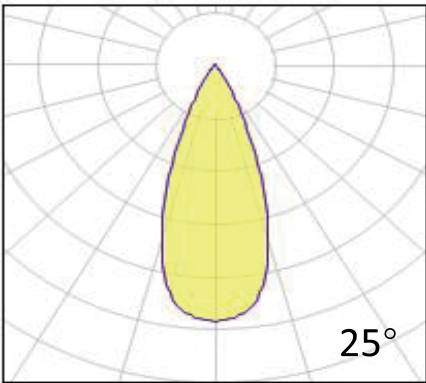
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, tempered glass, stainless steel screws

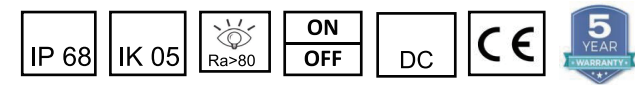
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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Handrail Light

Product Code
OPTOHL1A1W24V
OPTOHL1A1W24VD



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	120 lm
Source efficiency	120 lm/W
Delivered flux	110 lm
Delivered efficiency	110 lm/W
Input power	1W
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	304 stainless steel
Light colour/CCT	3000K/4000K/6000K
Beam angle	45°
Mounting	Track installation
Reflector color	silvery
Finishing	silvery

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

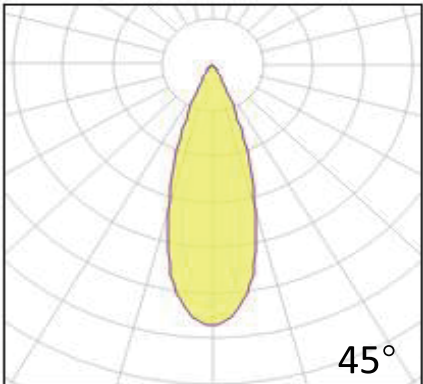
Light control

ON/off,optional DALI dimming

Construction

304 stainless steel

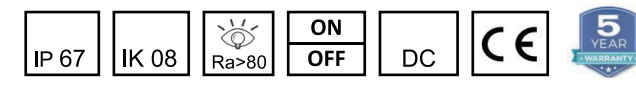
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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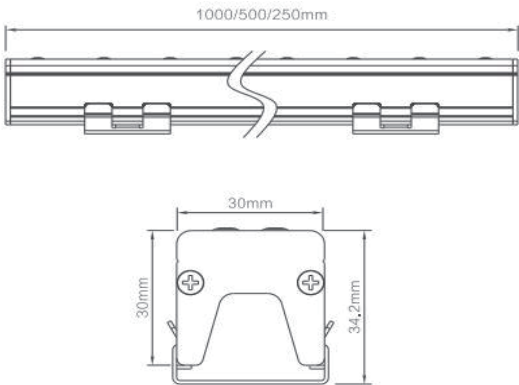
Linear light

Product Code
OPTOLL303024V



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1800 lm
Source efficiency	120 lm/W
Delivered flux	1650 lm
Delivered efficiency	110 lm/W
Input power	15W
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	Built in constant current
Material	Aluminum+Acrylic
Light colour/CCT	3000K/4000K/6000K/RGB
Beam angle	120°
Mounting	surface mount
Reflector color	-
Finishing	Grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

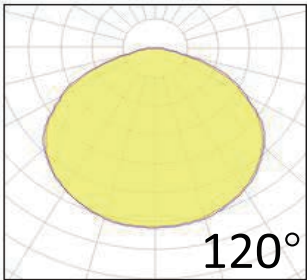
Light control

ON/off,DMX 512

Construction

The cover is made of high-quality PMMA material, with strong weather resistance and no yellowing for three years; The lamp body is made of aluminum and the surface is coated with outdoor powder

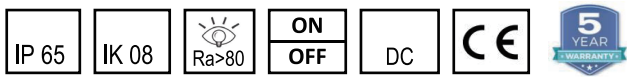
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



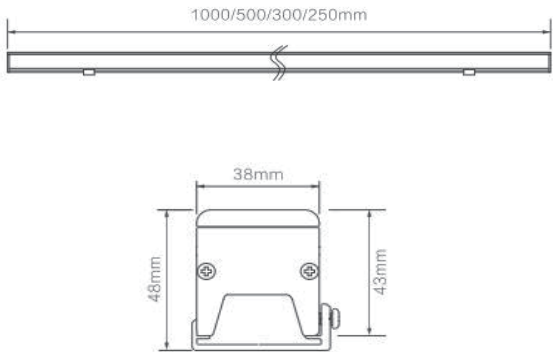
Linear light

Product Code
OPTOLL3843A24V



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1800 lm
Source efficiency	120 lm/W
Delivered flux	1500 lm
Delivered efficiency	100 lm/W
Input power	15W
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	Built in constant current
Material	Aluminum+Acrylic
Light colour/CCT	3000K/4000K/6000K/RGB
Beam angle	diffuse
Mounting	surface mount
Reflector color	-
Finishing	Grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

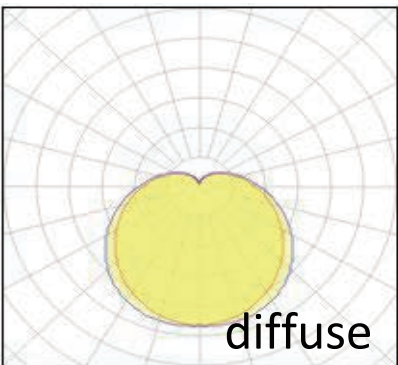
Light control

ON/off,DMX 512

Construction

The cover is made of high-quality PMMA material, with strong weather resistance and no yellowing for three years; The lamp body is made of aluminum and the surface is coated with outdoor powder

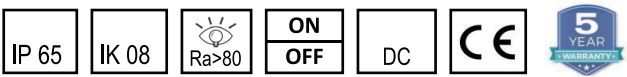
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



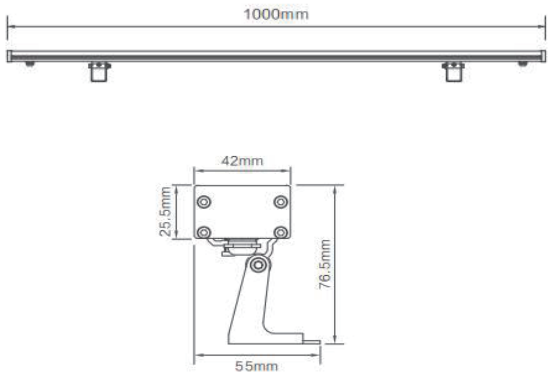
Wall Washer

Product Code
OPTOWW422524V



IP rating	66
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2880 lm
Source efficiency	120 lm/W
Delivered flux	2160lm
Delivered efficiency	90 lm/W
Input power	24W
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	Built in constant current
Material	Aluminum+tempered glass
Light colour/CCT	3000K/4000K/6000K/RGB/RGBW
Beam angle	15°/30°/60°/10X60°
Mounting	surface mount
Reflector color	-
Finishing	Grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,DMX 512

Construction

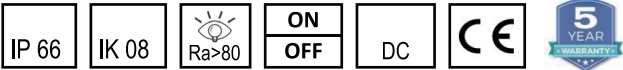
Aluminum lamp body, tempered glass face mask; The lens angle can be selected; The protection level reaches IP66; Surface anodizing or powder electrostatic spraying, the appearance can be customized according to the color of the curtain wall, allowing the product to better integrate into the building.

Warranty

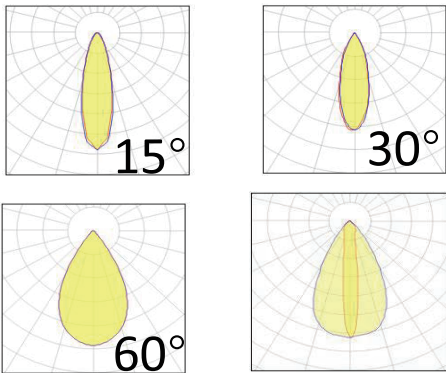
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications

10X60°



Photometrics



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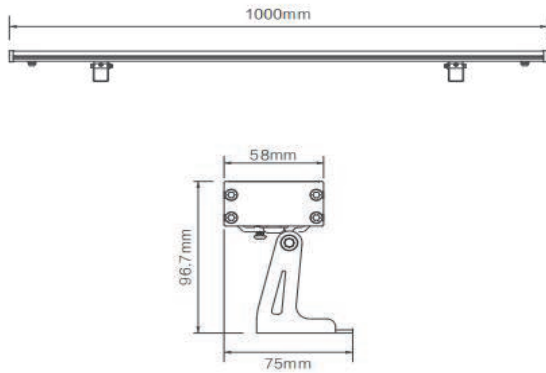
Wall Washer

Product Code
OPTOWW582824V



IP rating	66
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	4320 lm
Source efficiency	120 lm/W
Delivered flux	3240lm
Delivered efficiency	90 lm/W
Input power	36W
Supply voltage	DC24V
Insulation Class	insulation class III
Power supply	Built in constant current
Material	Aluminum+tempered glass
Light colour/CCT	3000K/4000K/6000K/RGB/RGBW
Beam angle	15°/30°/60°/10X60°
Mounting	surface mount
Reflector color	-
Finishing	Grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,DMX 512

Construction

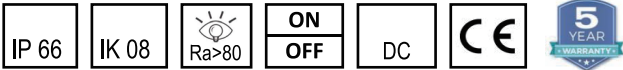
Aluminum lamp body, tempered glass face mask; The lens angle can be selected; The protection level reaches IP66; Surface anodizing or powder electrostatic spraying, the appearance can be customized according to the color of the curtain wall, allowing the product to better integrate into the building.

Warranty

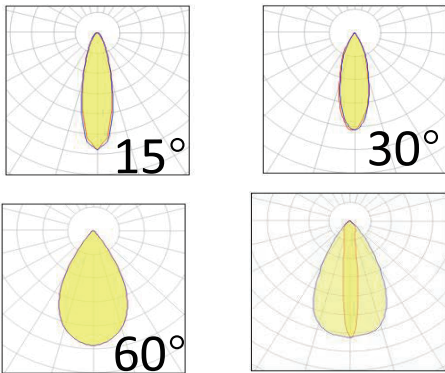
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications

10X60°



Photometrics



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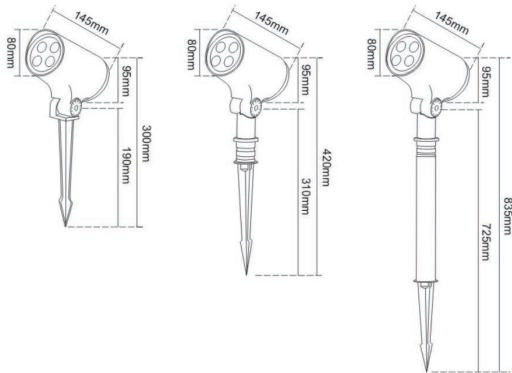
Spike Light

Product Code
OPTOSL18CR4*2W220V



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	960 lm
Source efficiency	120 lm/W
Delivered flux	640 lm
Delivered efficiency	80 lm/W
Input power	8W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

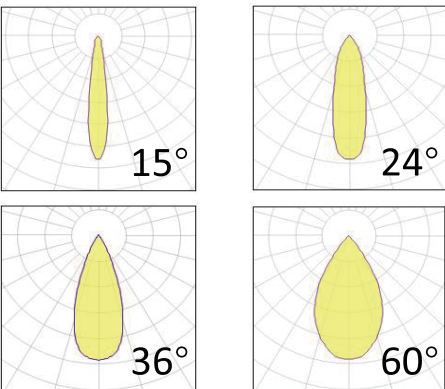
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

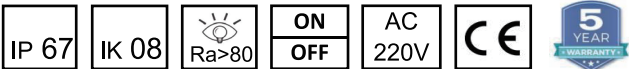
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

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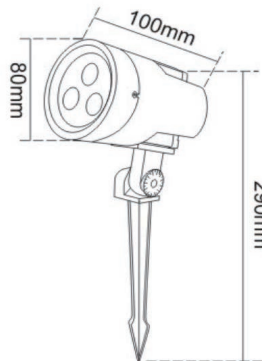
Spike light

Product Code
OPTOSL24CR3*2W220V



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	720 lm
Source efficiency	120 lm/W
Delivered flux	480 lm
Delivered efficiency	80 lm/W
Input power	6W
Supply voltage	220V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

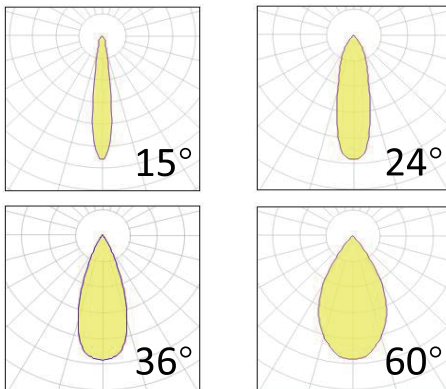
Light control

ON/off

Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

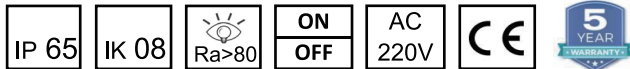
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

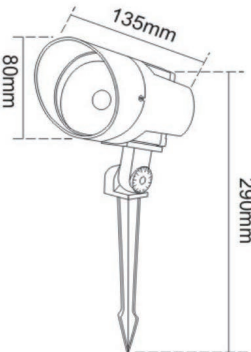
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Spike light

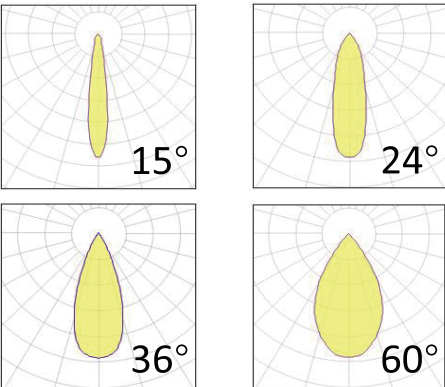
Product Code
OPTOSL24CR5W220V



Technical drawing



Photometrics



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	600 lm
Source efficiency	120 lm/W
Delivered flux	400 lm
Delivered efficiency	80 lm/W
Input power	5W
Supply voltage	220V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off

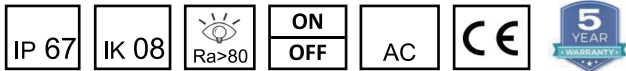
Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

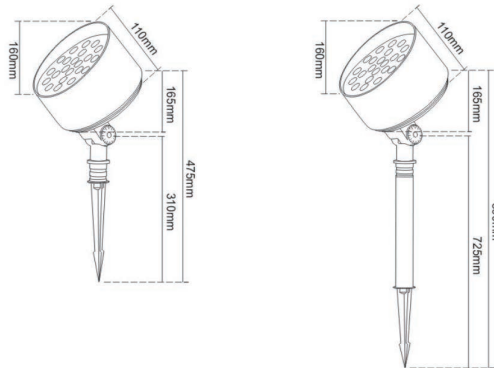
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Spike light

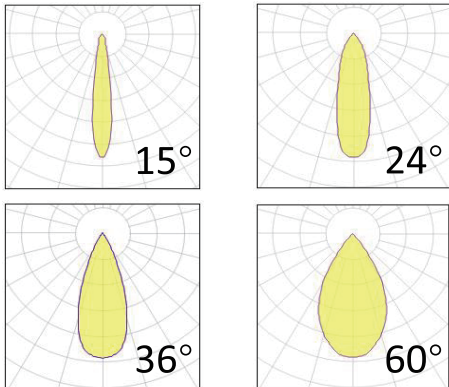
Product Code
OPTOSL19CR24W220V



Technical drawing



Photometrics



IP rating	67
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2880 lm
Source efficiency	120 lm/W
Delivered flux	1920 lm
Delivered efficiency	80 lm/W
Input power	24W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminium
Light colour/CCT	3000K/4000K/6000K
Beam angle	15°/24°/36°/60°
Mounting	surface mount
Reflector color	black
Finishing	Grey/Black

Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off

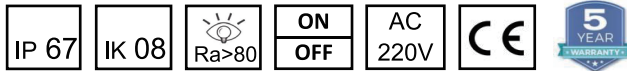
Construction

Die cast aluminum shell, surface sandblasting treatment, anti-corrosion and rust prevention, adjustable bracket, tempered glass, stainless steel screws

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

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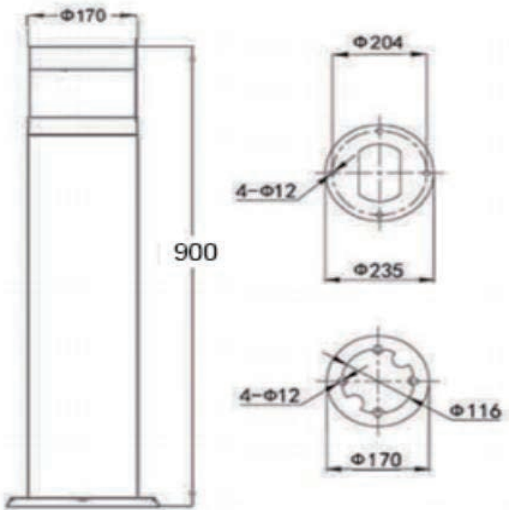
Pillar lamp

Product Code
ARCOFL3A10W220V

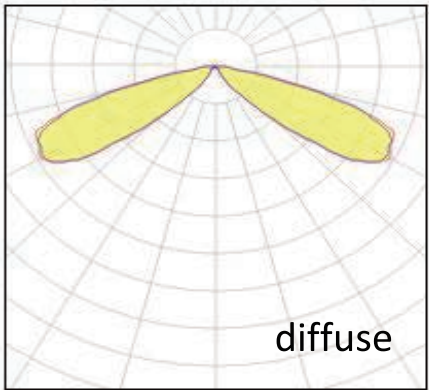


IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	1200 lm
Delivered efficiency	120 lm/W
Input power	10 W
Supply voltage	AC 110-240V
Insulation Class	insulation class III
Power supply	Built in constant current driver
Material	aluminum+PC
Light colour/CCT	3000K
Beam angle	diffuse
Mounting	surface mount
Reflector color	Black
Finishing	Black

Technical drawing



Photometrics



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,

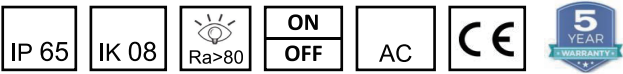
Construction

The pillar lamp features a sturdy aluminum die-cast housing and post,Its elegant design is complemented by a UV-resistant PC lampshade and a sealed structure for enhanced waterproofing.

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



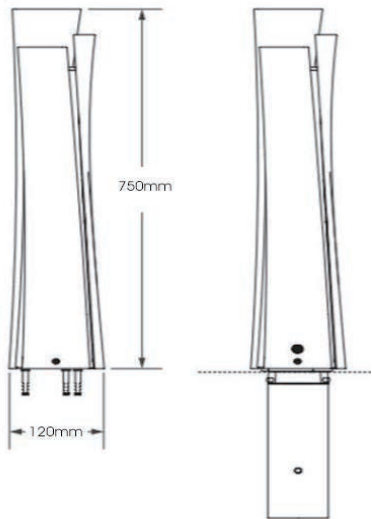
Decorative Bollard Light

Product Code
ARCODBL3B10W220V

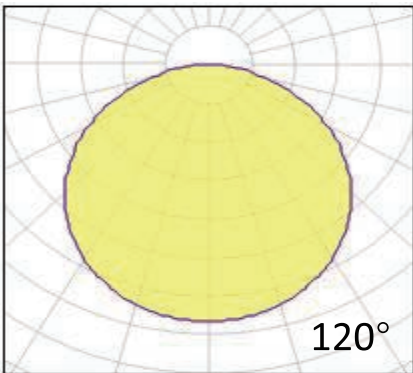


IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>90
Step McAdam	3
Source flux	1200 lm
Source efficiency	120 lm/W
Delivered flux	800 lm
Delivered efficiency	80 lm/W
Input power	10W
Supply voltage	220V AC
Insulation Class	insulation class I
Power supply	Built in constant current driver
Material	aluminium
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	120°
Mounting	surface mount
Reflector color	-
Finishing	grey/black

Technical drawing



Photometrics



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off

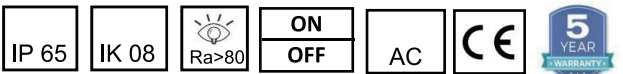
Construction

Die cast aluminum shell, surface sandblasting treatment, tempered glass, stainless steel screws

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



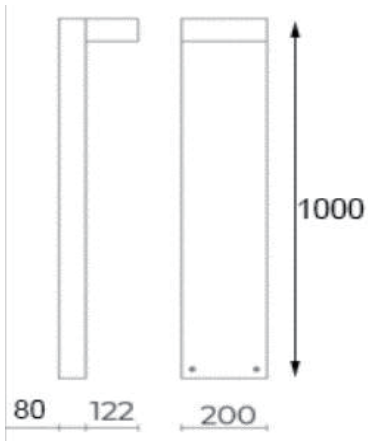
Pillar lamp

Product Code
ARCOFL4A8W220V

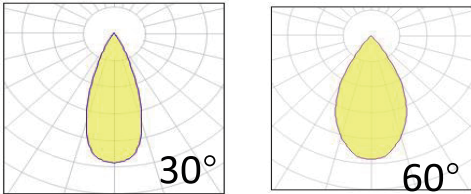


IP rating	65
Ik rating	5
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	960 lm
Source efficiency	120 lm/W
Delivered flux	960 lm
Delivered efficiency	120 lm/W
Input power	8W
Supply voltage	AC 220V
Insulation Class	Class I
Power supply	Built in constant current driver
Material	aluminum+PC
Light colour/CCT	3000K
Beam angle	30°/60°
Mounting	surface mount
Reflector color	black
Finishing	black

Technical drawing



Photometrics



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off,

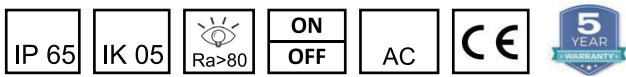
Construction

With an efficient COB light source and a lightweight, durable structure made of stretched aluminum, this pillar lamp ensures powerful and uniform outdoor illumination.

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



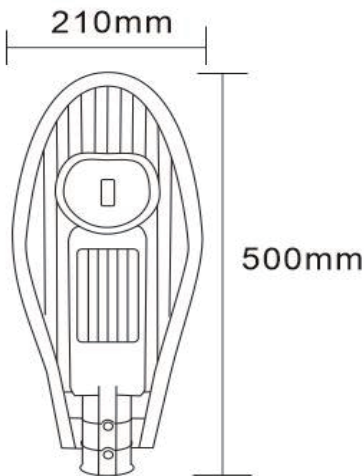
Street Light

Product Code
OPTOSRL1BR50W220V

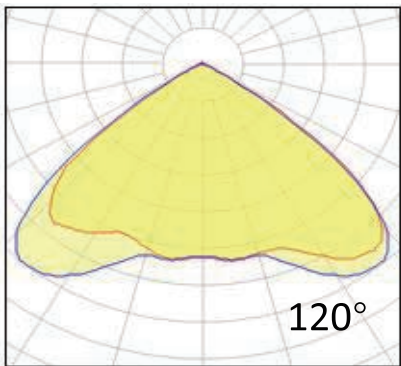


IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	6000 lm
Source efficiency	120 lm/W
Delivered flux	6000 lm
Delivered efficiency	120 lm/W
Input power	50W
Supply voltage	110~240V AC
Insulation Class	insulation class III
Power supply	built-in driver constant current
Material	aluminum
Light colour/CCT	4000K
Beam angle	120°
Mounting	post top
Reflector color	-
Finishing	Matte black

Technical drawing



Photometrics



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

Light control

ON/off

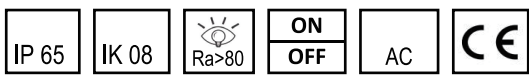
Construction

aluminum material with powder coating on the surface,Glass Lens, stainless steel screws

Warranty

- 3-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



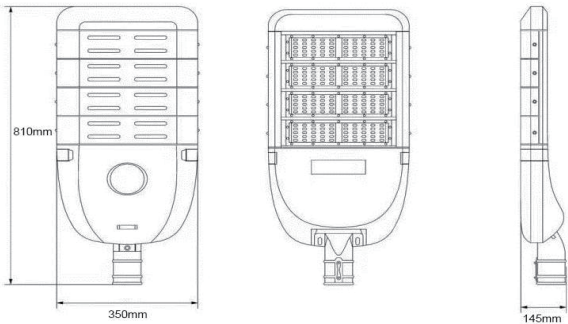
Street light

Product Code
ARCOSL2A200W220V



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	26000 lm
Source efficiency	130 lm/W
Delivered flux	26000 lm
Delivered efficiency	130 lm/W
Input power	200W
Supply voltage	AC 220V
Insulation Class	Class I
Power supply	Built in constant current driver
Material	aluminum+
Light colour/CCT	3000K
Beam angle	102°
Mounting	surface mount
Reflector color	grey
Finishing	grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

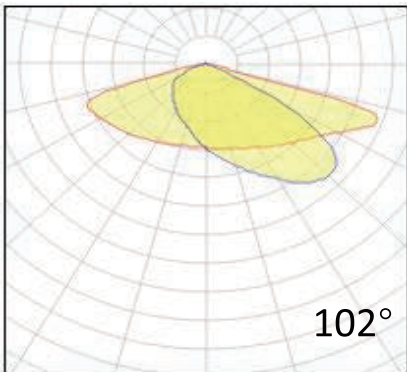
Light control

ON/off,

Construction

with a die-cast aluminum lamp housing and the latest European standard streetlight head, now features an adjustable lamp head angle. Equipped with high-efficiency light beads and a non-flickering, high-power factor streetlight power supply.

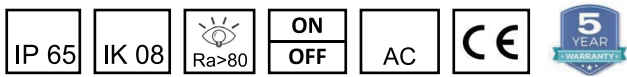
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



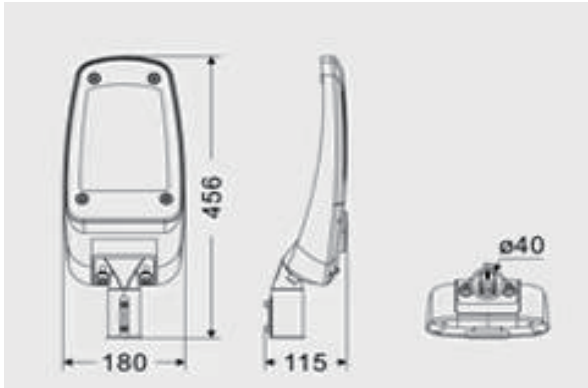
Urbanlight

Product Code
ARCOBL4A60W220V



IP rating	65
Ik rating	8
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	7800 lm
Source efficiency	130 lm/W
Delivered flux	7800 lm
Delivered efficiency	130 lm/W
Input power	60 W
Supply voltage	220~240V AC
Insulation Class	insulation class I
Power supply	Lifud driver constant current
Material	Aluminum and tempered glass
Light colour/CCT	3000K
Beam angle	60°/120°
Mounting	surface mount
Reflector color	-
Finishing	grey

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

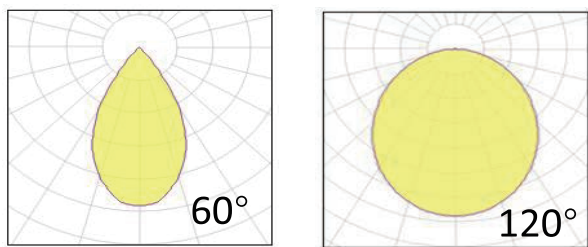
Light control

ON/off,

Construction

with a die-cast aluminum lamp housing and the latest European standard streetlight head, now features an adjustable lamp head angle.

Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



Bulbs

The Light Bulbs section offers a variety of lighting sources, including LED bulbs, energy-saving lamps, and decorative bulbs, suitable for both indoor and outdoor use. Our bulbs provide high brightness, low energy consumption, and long lifespan, with a wide selection of color temperatures and designs to meet diverse needs, making them the ideal choice for modern lighting.

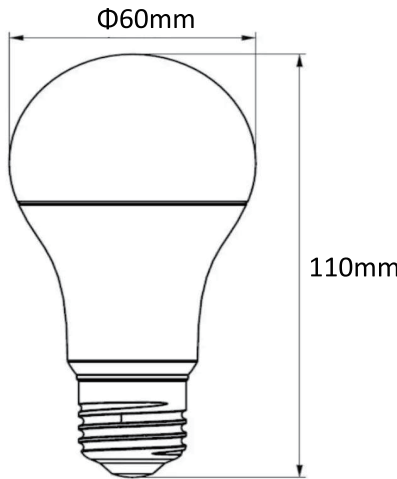
A60/A19 Bulbs

Product Code
OPTIA60W9PA220V
OPTIA60W9PA220VD



IP rating	40
Ik rating	6
Source type	High power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1260 lm
Source efficiency	140 lm/W
Delivered flux	1080 lm
Delivered efficiency	120 lm/W
Input power	9W
Supply voltage	110V/220V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	Plastic aluminum
Light colour/CCT	3000K/4000K/6000K
Beam angle	diffuse
Base	E26/E27/B22
Reflector color	-
Finishing	white

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

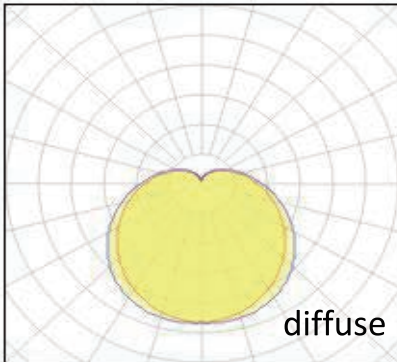
Light control

ON/off,Phase dimming

Construction

The outermost shell is made of plastic, the inside is made of aluminum, and the PC diffusion lampshade

Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications

IP 40	IK 06	Ra>80	ON OFF	AC	CE	5 YEAR WARRANTY
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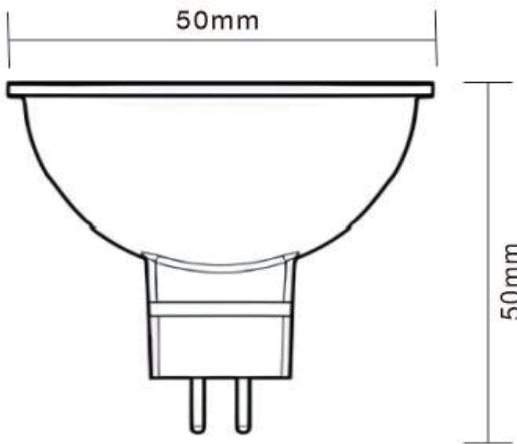
MR16 LED Bulbs

Product Code
OPTIMR16W5PA220V
OPTIMR16W5PA220VD



IP rating	20
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	700 lm
Source efficiency	140 lm/W
Delivered flux	550 lm
Delivered efficiency	110 lm/W
Input power	5W
Supply voltage	DC 12-24V
Insulation Class	insulation class III
Power supply	Built in constant current
Material	Plastic aluminum
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	25°/40°/60°
Base	GU5.3
Reflector color	-
Finishing	white

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

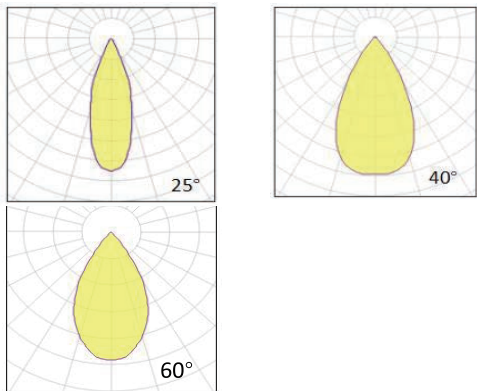
Light control

ON/off,Phase dimming

Construction

The outermost shell is made of plastic, the inside is made of aluminum, and the PC diffusion lampshade

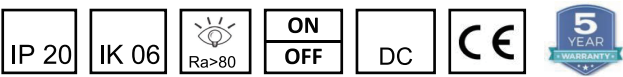
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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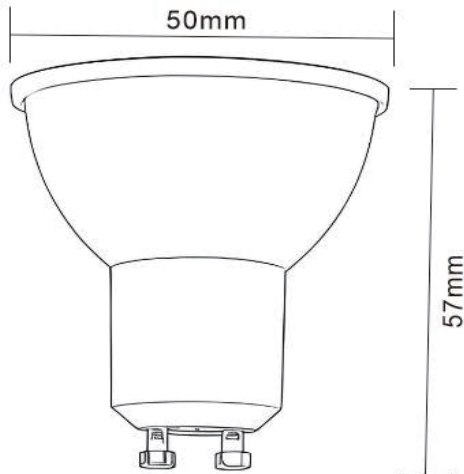
GU10 Bulbs

Product Code
OPTIGU10W7PA220V
OPTIGU10W7PA220VD



IP rating	20
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	980 lm
Source efficiency	140 lm/W
Delivered flux	770 lm
Delivered efficiency	110 lm/W
Input power	7W
Supply voltage	AC 100-240V
Insulation Class	insulation class III
Power supply	Built in constant current
Material	Plastic aluminum
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	25°/40°/60°
Base	GU10
Reflector color	-
Finishing	white

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

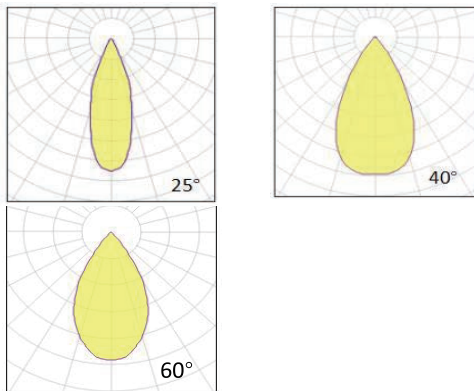
Light control

ON/off,Phase dimming

Construction

The outermost shell is made of plastic, the inside is made of aluminum, and the PC diffusion lampshade

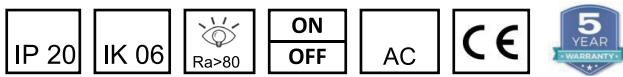
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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Datasheet

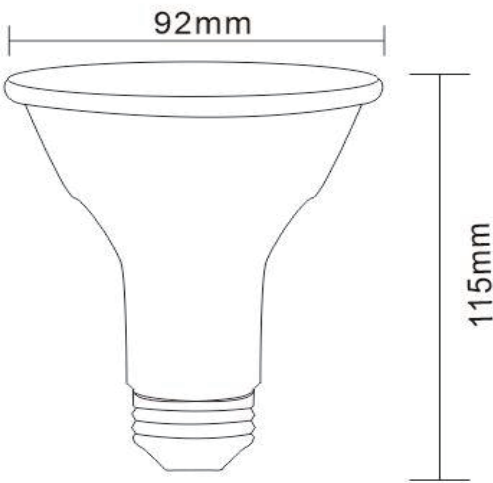
PAR30 Bulbs

Product Code
OPTIPAR30W12PA220V
OPTIPAR30W12PA220VD



IP rating	20
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	1680 lm
Source efficiency	140 lm/W
Delivered flux	1320 lm
Delivered efficiency	110 lm/W
Input power	12W
Supply voltage	AC 100-240V
Insulation Class	insulation class III
Power supply	Built in constant current
Material	Plastic aluminum
Light colour/CCT	2700K/3000K/4000K/6000K
Beam angle	15°/25°/40°
Base	E26/E27
Reflector color	-
Finishing	white

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

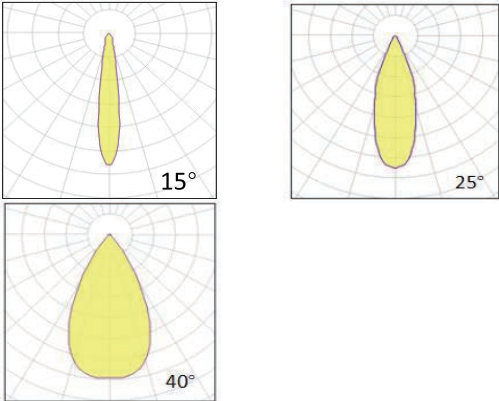
Light control

ON/off,Phase dimming

Construction

The outermost shell is made of plastic, the inside is made of aluminum, and the PC diffusion lampshade

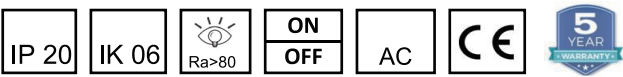
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



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Datasheet

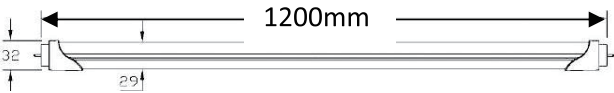
T8 light tube

Product Code
OPTIT8LT18W220V



IP rating	40
Ik rating	6
Source type	Hight power LED
Source life time	>50,000h at 25°C ambient temperature
CRI	>80
Step McAdam	3
Source flux	2520 lm
Source efficiency	140 lm/W
Delivered flux	2160 lm
Delivered efficiency	120 lm/W
Input power	18W
Supply voltage	220~240V AC
Insulation Class	insulation class III
Power supply	Built in constant current
Material	aluminum+PC
Light colour/CCT	3000K/4000K/6000K
Beam angle	diffuse
Mounting	T8 bracket
Reflector color	-
Finishing	silvery

Technical drawing



Temperature limits

Working temperature	-30C° to +50C°
Storage temperature	-50C° to +80C°

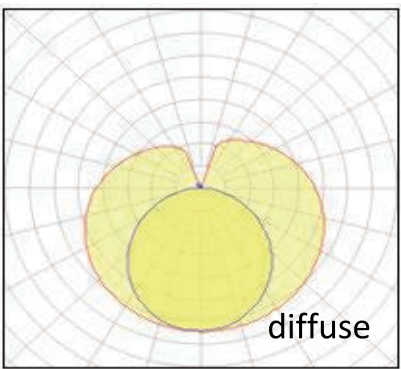
Light control

ON/off,DALI,Microwave Radar

Construction

Aluminum shell, high transparency PC lampshade, not prone to yellowing, built-in constant current drive, long service life

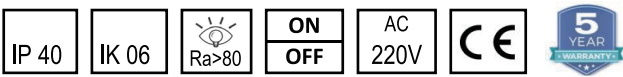
Photometrics



Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Specifications



OPTILUX LIGHTING

Optilux reserves the right to make changes to this product at any time without notice and such change will be effective immediately.
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